

PLAINTIFF CITY OF NEW YORK'S AMENDED PHASE TWO TRIAL EXHIBIT LIST

| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
|----------------------------------|------------|-------------------------|--------------------------|---|
| PL-188 | | | | APPENDIX A , Primary Documents, Site Remediation |
| PL-190 | | | | APPENDIX C , Primary Documents, Water Quality |
| PL-213 | 11/17/1981 | MDL1358hM-0556486 | MDL1358hM-0556496 | Mobil Management Guide, Responsibilities for Environmental Compliance and Assessment |
| PL-221 | 6/22/1982 | LCBE - 420755 | LCBE - 420485 | Correspondence re: the Underground Tank Program including Inventory Verifications and Tankage Installation Procedures |
| PL-228 | 2/9/1983 | LCBE - 151425; EXAN - 1 | LCBE - 151429; EXAN - 26 | Exxon Underground Tank Failure Report, 1982 Year - End Summary |
| PL-230 | 6/1/1983 | LCBE - 301049 | LCBE - 301053 | Underground Tank Field Observation Wells Notes and Findings |
| PL-241 | 2/17/1984 | EXSTONE 00136 | EXSTONE 00138 | Letter 066-56-WAS API Ground-Water Technical Task Force Committee 84 ECD 132 Cable: ENGREXXON, N.Y. From W. A. Stone, Exxon Research And Engineering Company, Exxon Engineering Technology Department, Environmental Control Division To: Mr. S. D. Curran, Exx |
| PL-242 | 2/24/1984 | LCBE MISC 22531 | LCBE MISC 22645 | (Memo) D. L. McLallen spoke with Colin Sandison of the Washington office regarding the 3/1/84 Senate Environment and Public Works Committee hearing on underground storage tanks From: D. L. McLallen To: Mr. E. J. Hess; Mr. R. P. Larkins C: Mr. W. H. Pistol |
| PL-245 | 3/30/1984 | N/A | N/A | Letter Subject: The attached statement from Exxon Company, U.S.A. on the potential threat to groundwater from leaking underground storage tanks is respectfully submitted for inclusion in the record of the March 1 hearing, chaired by Senator Durenberger Fr |

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| PL-248 | 4/6/1984 | EXEnFI - 40 | EXEnFI - 41 | Correspondence from J.E. Spill to J.S. Dick re: Use of MTBE in Exxon Mogus |
| PL-251 | 4/12/1984 | EXSTONE 00068 | EXSTONE 00070 | General Inter-Office Correspondence 723-50-PSS 84ECO-299 Subject: MTBE in Gasoline: Environmental Considerations From: P. S. Shah To: J. R. Siegel (handwriting on document: Products Res' & Reference Methyl Tertiary Butyl Ether and CC: ECN; PR) CC: R. W. D |
| PL-255 | 5/1/1984 | FOG MDL 1358 006090 | FOG MDL 1358 006096 | Removing Organics From Groundwater Through Aeration Plus GAC; Journal AWWA (Rocco 15), with handwritten notes |
| PL-256 | 5/14/1984 | XOM-UST-000024606, XOM-MTO1283-002782, PEM001018191 | XOM-UST-000024606, XOM-MTO1283-002782, PEM001018191 | Memo to Richter from F. Nevins, cc: C. L. Hagan, D. W. Heald, C. H. Hood, J. E. McKeever, E. J. Stump |
| PL-259 | 6/8/1984 | EX EnFI 00045 | EX EnFI 00045 | Letter from JE Spell to JS Dick cc WG Domask, VM Dugan, J Panzer, RT Peters re Ground Water Contamination with Oxygenates |
| PL-261 | 6/11/1984 | EXEnFI - 46 | EXEnFI - 46 | Correspondence from J.E. Spell to J.S. Dick re: Groundwater Contamination with Oxygenates |
| PL-265 | 7/10/1984 | EXSPELL 00039 | EXSPELL 00039 | Hand written memo from Jack Spell to JR Peters |
| PL-268 | 8/8/1984 | EXEnFI - 47 | EXEnFI - 47 | Correspondence from V.M. Dugan to S.D. Curran re: MTBE |
| PL-270 | 8/23/1984 | EM-762; EX-HEI-19 | EM-763; EX-HEI-20 | Correspondence from B.J. Mickelson to V.M. Dugan re: MTBE Contamination of Groundwater |
| PL-271 | 8/23/1984 | EX EnFI 00048 | EX EnFI 00049 | Correspondence from B.J. Mickelson to V.M. Dugan re: MTBE Contamination of Groundwater |
| PL-273 | 9/7/1984 | EX1 011094 | EX1 011097 | Handwritten memo re: Mickelson letter MTBE Contamination of Ground Water from JGH; |

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| PL-275 | 10/23/1984 | EXCoCpE - 7 | EXCoOpE - 8 | Exxon Research Report on MTBE Contamination of Groundwater |
| PL-279 | 11/19/1984 | N/A | N/A | Exxon Correspondence to Marketing Department re: Use of MTBE in EUSA Mogas |
| PL-283 | 2/22/1985 | EXEnFI - 54 | EXEnFI - 55 | Correspondence from B.J. Mickelson to J.M.E. Mixer re: MTBE |
| PL-285 | 2/22/1985 | EXMIXTER 000007 | EXMIXTER 000008 | Memo to J. M. E. Mixer from B. J. Mickelson, c: A. L. Decker, R. R. Eaton |
| PL-290 | 3/21/1985 | EXSPELL 00046 | EXSPELL 00048 | Memorandum JE Spell to CB Raglin CC: RA Blome; DA Campbell; JS Dick; VM Dugan; JL Fernald; SR Lee; JME Mixer; RA Randall; DR Valvo Subject: Exxon Extra Unleaded Gasoline at Jacksonville FL w/ MTBE Attachment: Introduction of MTBE into Exxon Extra Unleade |
| PL-292 | 4/19/1985 | EX EnFI 00056 | EX EnFI 00057 | Letter from B. Mickelson to J. Mixer cc A Decker, R Eaton, W Gattis re Introduction of Methyl Tertiary Butyl Ether (MTBE) in the Texas Eastern Transmission, Jacksonville, Florida; Charlston, South Carolina; and Wilmington, North Carolina Areas |
| PL-295 | 4/19/1985 | EXLAR100019 | EXLAR100020 | Exxon Memo Mickelson to Mixer -- Identification of Methyl Tertiary Butyl Ether (MTBE) in the Texeas Eastern Transmission, Jacksonville Florida, Charleston, South Carolina, and Wilmington North Carolina Areas |
| PL-310 | 12/1/1985 | EXSTONE 00071 | EXSTONE 00135 | Exxon Engineering Management Digest Technical Report EE.82E.85 General Engineering R&D (Code 593) Ground-Water Contamination Prevention and Cleanup by Bryan S. Cashman, Technology Department (handwriting A. Liguori) (Return Date 4/25/1986) Report No. EE.8 |

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| PL-313 | 1/29/1986 | MWB 003640050 | MWB 003640053 | E-mail from S Curran to D Burkhardt, F Butler, W Dermott, L Lindeen, J Olsen, E Robertson, re Approved Company Position Paper Groundwater Contamination from Petroleum Product Storage Tank Leaks |
| PL-314 | 2/10/1986 | EXSTONE 00152 | EXSTONE 00164 | Letter 310-24-WAS API Ground-Water Technical Task Force Committee 86ECS2 26 Cable: ENGREXXON, N.Y. From W. A. Stone, Exxon Research And Engineering Company, Exxon Engineering Technology Department, Environmental Control Division To: Mr. S. D. Curran, Exxo |
| PL-323 | 5/29/1986 | XOM-MT01741-001294 and EXMK2DEP 00328 and LCBE 42 0475 | XOM-MT01741-001294 and EXMK2DEP 00328 and LCBE 42 0475 | (Memo) Subject: Exxon Underground Tank Leak Experience From: S. D. Curran To: Mr. R. J. Landry CC: A. L. Decker; R. R. Eaton; W. E. Gattis; W. B. Matney; M. E. Rollins (signature on document) |
| PL-324 | 6/13/1986 | CUR000404 AND EXLAR100041 | CUR000406 AND EXLAR100043 | (Memo) Subject: Leaking Underground Tank Data From: R. P. Larkins To: Mr. J. T. McMillan CC: Mr. B. D. Blackwood; Mr. J. B. Boatwright; Mr. W. E. Gattis (Attachment EUSA Marketing, Underground Storage Tank System Leak Experience) |
| PL-330 | 10/27/1986 | EXSTONE 00147 | EXSTONE 00149 | Letter API Ground-Water Technical Task Force Meeting - 10/86 86ECS2 199 WAS-20 Cable: ENGREXXON FLORHAM PARK From W. A. Stone, Exxon Research and Engineering Company To Mr. S. D. Curran, Exxon Company U.S.A., Retail Business Center CC: L. Bernstein; R. W. |

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| PL-331 | 11/1/1986 | EQ 038179 | EQ 038190 | Methyl tertiary Butyl Ether as a Ground Water Contaminant by Peter Garrett, Marcel Moreau, Maine Department of Environmental Protection and Jerry D. Lowry, University of Maine 'To be published in Proceedings of Petroleum Hydrocarbons and Organic Chemicals |
| PL-333 | 11/10/1986 | CUR000407 | CUR000407 | Memo) Subject: Underground Tank Mitigation Program Background and Status From: W. R. Carter To: Mr. S. E. McHie CC: Mr. R. T. Harvin; Mr. R. P. Larkins (some handwriting on document) |
| PL-339 | 12/20/1986 | EX HEI 00135 | EX HEI 00137 | Letter from R Marvin to R Larkins, D Creps cc R Champion, W Carter, R Dennis, J Dick, J Olsen, C Raglin, R Rosenberg, C Stevens re MTBE Environmental Concerns |
| PL-347 | 12/30/1986 | EXHEI - 135 | EXHEI - 137 | Correspondence from R.T. Harvin to R.P. Larkins re: MTBE - Environmental Concers |
| PL-348 | 12/30/1986 | EXSTONE 00150 | EXSTONE 00151 | Committee Correspondence WAS-MI Committee: Ground-Water Technical Task Force 86ECS2 226, From W. A. Stone, Exxon Research and Engineering Company To David H. Chen, American Petroleum Institute CC: J. Bernstein; S. Curran; R. Dennis; L. A. Kaye; A. E. Ligu |
| PL-350 | 1/2/1987 | M - 48399 | M - 48402 | MOBIL Reseach and Development Corporation Report on MTBE Health and Environmental Effects |
| PL-354 | 1/20/1987 | LCBE - 750328 | GEN - 26559 | Correspondence from W.B. Matney to J.C. Cumpton re: 1986 Accomplishments and 1987 Goals and Objectives |
| PL-357 | 1/28/1987 | EQ 038177 | EQ 038178 | Letter from D Chen to J Lehr cc J Shaw, B Graves re 'Methyl tertiary Butyl Ether as a Ground Water Contaminant' |

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| PL-361 | 2/2/1987 | EQ 038172 | EQ 038176 | Letter Subject: MtBE in Groundwater From: David H. Chen, Ph.D., Sr. Environmental Scientist, American Petroleum Institute To: Groundwater Technical Task Force CC: J. Shaw; D. Persons; J. Pattok; R. White; M. Meteyer; 1/8/1987 Memo RE: Potential Issue for |
| PL-363 | 2/4/1987 | LCBE - 341510 | LCBE - 341520 | Speed Letter from Bill Matney to Bill Carter re: UGT Program |
| PL-377 | 3/13/1987 | EXLIGU - 5367 | EXLIGU - 5399 | Exxon Research Company Letter re: Activities Conducted by the API Groundwater Technical Task Force |
| PL-379 | 3/23/1987 | LCBE - 341305 | LCBE - 341305 | Correspondence from W.B. Matney to H.L. Shatzen re: Double Wall Tanks to NYC |
| PL-383 | 3/27/1987 | LCBE - 750317 | LCBE - 750322 | Correspondence from J.F. Rath to S.D. Curran re: API Cost Estimate Survey |
| PL-384 | 4/13/1987 | LCBE - 700926 | LCBE - 700951 | Correspondence from B.J. Mickelson to Maintenance AFE Administrators re: Bid Invitation Letter |
| PL-385 | 4/17/1987 | DEXP-TJS000030 | DEXP-TJS000233 | Federal Register. Part II. EPA 40 CFR Parts 280 and 281. Underground Storage Tanks; Proposed Rules |
| PL-388 | 4/22/1987 | LCBE - 341361 | LCBE - 341364 | Correspondence from B.B. Matneya to B.J. Mickelson re: Annual Meeting Back Up on UGT Leakers |
| PL-390 | 5/6/1987 | M 0000190 | M 0000192 | Letter from S Hetrick to C Hagan cc W Beck, C Hood re MTBE in Water, File # 1661363 |
| PL-391 | 5/6/1987 | PEM001014982; XOM-MT01038-000616; XOM-DTU-00000823; MDL1358hM-0270160 | XOM-MT01038-000618; XOM-DTU-00000825; MDL1358hM-0270162 | Letter from S. Hetrick to CL Hagan cc W. Beck, C. Hood RE MTBE in water |
| PL-393 | 7/7/1987 | LCBE - 340009 | LCBE - 340027 | Correspondence from W.R. Carter to B.J. Mickelson re: Investment Reappraisal Presentation Backup |

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| PL-395 | 8/13/1987 | LCBE - 330298 | LCBE - 330300 | Supplemental Guidelines for MK-9 Unilateral Nonrenewal Program |
| PL-396 | 8/14/1987 | LCBE - 341166 | LCBE - 341169 | Correspondence from J.D. Walker to R.T. Harvin re: Underground Tank Program Status Report |
| PL-397 | 9/10/1987 | XOM-UST-000024583, MDL1358, EM0019277 | XOM-UST-000024583, MDL1358, EM0019277 | Memo to W. A. Chernowitz from D. R. Robinson, cc: J. A. Jones, C. L. Prater, P. D. Bross, R. W. Hawes, J. W. Henry |
| PL-398 | 10/1/1987 | LCBE - 341191 | LCBE - 341196 | Correspondence from W.R. Carter to J.D. Adkins re: Precision Tank Testing Procedures |
| PL-400 | 10/30/1987 | DEXP-TJS000981 | DEXP-TJS001121 | Final Report To US EPA/OUST. Causes of Release From UST Systems. |
| PL-403 | 11/6/1987 | EXLIGU - 5417 | EXLIGU - 5465 | Correspondence from Exxon to Distribution Team re: Petroleum Contaminated Soil and Groundwater Research Developments |
| PL-404 | 11/30/1987 | N/A | N/A | Report, Management of Underground Petroleum Storage Systems at Marketing and Distribution Facilities, API Recommended Practice 1635, American Petroluem Institute |
| PL-407 | 3/31/1988 | MMTBE0025723, XOM-WARN-00000252;MMTBE0025724, XOM-WARN-00000253;MMTBE0025728, XOM-WARN-00000257;MMTBE0025730, XOM-WARN-00000259;MMTBE0025736, XOM-WARN-00000265;MMTBE0025737, XOM-WARN-000002266; | MMTBE0025723, XOM-WARN-00000252;MMTBE0025727, XOM-WARN-00000256;MMTBE0025729, XOM-WARN-00000258;MMTBE0025735, XOM-WARN-00000264;MMTBE0025736, XOM-WARN-00000265;MMTBE0025739, XOM-WARN-00000268; | Interoffice Correspondence 'Re: MTBE Environmental Data, EPA TSCA FYI Submissions'To: E.N. Ladov (w/ attachments)'Cc: D.B. Dunham, C.L. Hagan, C.B. Hood'From: J.A. Burke" |

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| PL-409 | 4/22/1988 | MDL1358 EM0017835 | MDL1358 EM0017857 | Interoffice memo from P.D. Gates to multiple recipients re: API - Storage Tank Task Force |
| PL-412 | 10/7/1988 | EXLIGU - 5476 | EXLIGU - 5485 | Correspondence from Exxon Research to Exxon Marketing re: API Groundwater Technical Task Force Report |
| PL-415 | 11/1/1988 | LCBEMISC - 22335 | LCBEMISC - 22370 | Final Report on Tank Corrosion Study by James H. Pim |
| PL-418 | 1/16/1989 | EXLIGU - 5491 | EXLIGU - 5500 | Correspondence from Exxon Research to Exxon Marketing re: API Groundwater Technical Task Force Report 2 |
| PL-419 | 1/20/1989 | EQ-SH156 - 15 | EQ-SH156 - 492 | API Health and Environmental Sciences Department Record of Attendance |
| PL-420 | 4/25/1989 | N/A | N/A | Correspondence from Shell Oil Company to GILBARCO, Inc. re: Underground Monitoring |
| PL-421 | 8/1/1989 | MDL1358hM-0388135 | MDL1358hM-0388224 | A Guide to the Assessment and Remediation of Underground Petroleum Releases (by API) |
| PL-427 | 1/31/1991 | EX1 - 39418 | EX1 - 39419 | Correspondence from Exxon Biomedical Sciences to Exxon Research and Engineering re: New Findings from the Toxicity testing of MTBE |
| PL-428 | 2/1/1991 | FOG MDL 1358 007297 | FOG MDL 1358 007305 | Particle Tracking Analysis of recharge Areas in Long Island, New York |
| PL-433 | 8/1/1991 | N/A | N/A | Report on the Chemical Fate and Impact of Oxygenates in Groundwater: Solubility of BTEX from Gasoline - Oxygenates Mixtures |
| PL-434 | 10/1/1991 | XOM-NC0546-01281, XOM-WARN-00014544, M0066268, 10777-401, MDL1358hM-1198858 | XOM-NC0546-01404, XOM-WARN-00014667, M0066268, 10777-524, MDL1358hM-1198981 | Mobil Closure Manual re site remediation, closure |
| PL-438 | 1/1/1992 | FOG MDL 1358 005910 | FOG MDL 1358 005919 | EPA Ground Water Issue: TCE Removal from Contaminated Soil and Ground Water |

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| PL-439 | 1/29/1992 | M 0037447 | M 0037455 | Letter from Paul Trenchard to Paul Naro, inquiring about MTBE effects; Includes charts and literature about MTBE environmental issues such as environmental concentration, MTBE characteristics, and other impacts of MTBE |
| PL-440 | 2/5/1992 | M 0035083 | M0035095 | Fax from Paul Naro to Paul Trenchard answering Trenchard's questions regarding MTBE, includes charts and literature |
| PL-444 | 9/1/1992 | MDL1358hM-1354855 | MDL1358hM-1355247 | Mobil Environmental Guidelines for Assessment and Remediation |
| PL-446 | 10/1/1992 | XOM-WARN-00023638, M0075126, MDL1358hM-1354855 | XOM-WARN-00023646, M0075133, MDL1358hM-1354863 | Mobil Environmental Guidelines for Assessment and Remediation'Prepared for: Mobil Oil Corporation' |
| PL-447 | 11/1/1992 | NYC-FOGG-000225 | NYC-FOGG-000232 | Patterns and Rates of Ground-Water Flow on Long Island, New York |
| PL-459 | 5/6/1994 | FOG MDL 1358 005900 | FOG MDL 1358 005905 | Isolation of a Bacterial Culture that Degrades Methyl t-Butyl Ether, with handwritten notes |
| PL-460 | 7/1/1994 | FOG MDL 1358 005715 | FOG MDL 1358 005725 | Anaerobic biodegradation of gasoline oxygenates in soils, with handwritten notes |
| PL-465 | 1/1/1995 | BPA0044744 | BPA0044764 | A Preliminary Assessment of the Occurrence and Possible Sources of MTBE in Ground Water of the United States, 1993-94 by Paul J. Squillace, John S. Zogorski, William G. Wilber, and Curtis V. Price U.S. Geological Survey Open-File Report 95-456 by |
| PL-471 | 3/31/1995 | CITGOMDLII-0014999 | CITGOMDLII-0015007 | Letter from Bruce Bauman (API) to Soil/Groundwater technical task force re: USGS VOC/MTBE in Groundwater Study |
| PL-472 | 3/31/1995 | FHR000167262 | FHR000167263 | USGS Press Release: Gasoline Additive Found in Urban Ground Water |

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| PL-473 | 3/31/1995 | XOM-UST-000026655, LGREG006940 | XOM-UST-000026661, LGREG006946 | 3/30/95 Memo to HMGIBB, REACKERL, LAMAGNI, AEVALENT, PVHANDFO, JITIMMER, LRGREGOR, LWWYTE, ALGLAESE from John G. Shoenpf. 3/30/95 Memo to K. J. Cary, L. R. Bott, T. M. Busby, H. Allgayer, C. A. Neukum, B. R. Frink, J. S. Ballard, J. L. Heck from Van H. Ran |
| PL-475 | 4/5/1995 | CITGOMDLII-0017532 | CITGOMDLII-0017532 | Letter from Bruce Bauman (API) to Soil/Groundwater technical task force re: Summary of USGS Briefing on the NAWQA VOC/MTBE Study |
| PL-478 | 6/1/1995 | FOG MDL 1358 006097 | FOG MDL 1358 006104 | Oxidation of Methyl tert-Butyl Ether (MTBE) Using Fenton's Reagent, with handwritten notes |
| PL-479 | 7/1/1995 | FOG MDL 1358 006409 | FOG MDL 1358 006416 | The effect of hydrogen peroxide on the degradation of methyl and ethyl-tert-butyl ether in soils |
| PL-483 | 9/1/1995 | EX1 - 53799 | EX1 - 54019 | Site Characterization and Remedial Technology Selection Guide |
| PL-485 | 11/16/1995 | FOG MDL 1358 006966 | FOG MDL 1358 007030 | California Leaking Underground Fuel Tank (LUFT) Historical Case Analyses |
| PL-487 | 12/31/1995 | BPA 0044744 | BPA 0044764 | A Preliminary Assessment of the Occurrence and Possible Sources of MTBE in Ground Water of the United States, 1993-1994, U.S. Geological Survey National Water Quality Assessment Program, Open File Report 95-456, by Paul J. Squillace, John S. Zogorski, Wil |
| PL-489 | 3/21/1996 | EQ 003605 | EQ 003621 | Letter RE: Update on Proposed 1996 MTBE Research Review/Comment for API MTBE Background Paper From Bruce J. Bauman, Ph.D., Research Program Coordinator, Soil/Groundwater MTBE American Petroleum Institute To S/GTTF Ad Hoc MTBE Working Group (Revised Roster |

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| PL-493 | 5/14/1996 | FOG MDL 1358 005791 | FOG MDL 1358 005798 | Biodegradation of the Gasoline Oxygenates MTBE, ETBE, TAME, TBA, and TAA by Aerobic Mixed Cultures |
| PL-499 | 11/1/1996 | FOG MDL 1358 011949 | FOG MDL 1358 011965 | RECONSIDERATION OF METHANE ISOTOPE SIGNATURE AS A CRITERION FOR THE GENESIS OF NATURAL GAS INFLUENCE OF MIGRATION ON ISOTOPIC SIGNATURES |
| PL-500 | 11/1/1996 | NYC-FOGG-001425 | NYC-FOGG-001440 | Analysis of the Gasoline Spill at East Patchoque, New York |
| PL-506 | 4/1/1997 | FOG MDL 1358 005775 | FOG MDL 1358 005776 | Biotreatment of MTBE-Contaminated Ground Water |
| PL-508 | 5/1/1997 | FOG MDL 1358 007269 | FOG MDL 1358 007279 | Intrinsic biodegradation of MTBE and BTEX in a gasoline-contaminated aquifer |
| PL-513 | 6/1/1997 | FOG MDL 1358 006417 | FOG MDL 1358 006428 | Meeting the Challenge of MTBE Biodegradation |
| PL-515 | 8/1/1997 | FOG MDL 1358 011159 | FOG MDL 1358 011167 | Metabolism of Diethyl Ether and Cometabolism of Methyl tert-Butyl Ether by a Filamentous Fungus, a Graphium sp. |
| PL-520 | 8/28/1997 | NYC-FOGG-001221 | NYC-FOGG-001227 | Biodegradation of the Gasoline Oxygenates Methyl-Tert-Butyl Ether, Ethyl tert-Butyl Ether, and tert-Amyl Methyl Ether by Propane-Oxidizing Bacteria. Applied and Environmental Microbiology p. 4216-4222 |
| PL-521 | 9/1/1997 | M 0002607 | M 0002634 | MTBE (Methyl Tertiary Butyl Ether) Briefing Paper by the California Environmental Protection Agency |
| PL-522 | 9/24/1997 | EQ 033658 | EQ 033659 | E-mail Subject MTBE Occurrence in Groundwater From Stanley CC (Curtis) To Dove JC (John); Haynes KG (Karen); Pugnale PJ (Pete); Boschetto HB (Brad); Spinelle JS (John); Krewinghaus AB (Bruce); Roush VW (Wayne); 9/24/97 MTBE Occurrence in Groundwater Mobil |

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| PL-524 | 9/24/1997 | SH1 017112 | SH1 017112 | MTBE Occurrence in Groundwater - Mobil Oil Study |
| PL-528 | 10/2/1997 | CHEV12691 | CHEV12692 | API Letter - to Distribution from Gerry Raabe - Re: formation of Ad Hoc Industry MTBE Group |
| PL-538 | 12/31/1997 | XOM-WARN-00010316 | XOM-WARN-00010360 | U.S. Environmental Protection Agency Drinking Water Advisory: Consumer Acceptability Advice and Health Effects Analysis of Methyl Tertiary-Butyl Ether (MtBE) |
| PL-539 | 1/1/1998 | NYCLBG01096 | NYCLBG01098 | EPA, MTBE Fact Sheet #3 'Use and Distribution of MTBE and Ethanol |
| PL-540 | 1/19/1998 | EXLIGU - 6513 | EXLIGU - 6526 | Correspondence from Bruce Bauman to Ad Hoc MTBE Coordination Group re: Cal Secondary MTBE MCL Approved |
| PL-542 | 2/1/1998 | FOG MDL 1358 005893 | FOG MDL 1358 005899 | Environmental Behavior and Fate of Methyl tert-Butyl Ether (MTBE) |
| PL-543 | 2/17/1998 | N/A | N/A | Public Drinking Water Systems Impacted by MTBE Contamination |
| PL-544 | 2/17/1998 | N/A | N/A | Agreement |
| PL-551 | 4/24/1998 | EXLIGU05883 | EXLIGUC 01846 | Letter re: EUSA Marketing Environmental Engineering MTBE Survey - Retail Stores, fr: Vic Dugan to: Carol Fairbrother cc: Bill Dermott, Tom Eizember, Bill Flis, Rene Gonzalez, Craig Knoeller, John Taunton, Al Zustovich, with handwritten note; attachment: M |
| PL-552 | 5/13/1998 | EQ 028732 | EQ 028794 | E-mail Subject: MTBE Issues From: Stanley CC (Curtis) To Parkinson CD (Chris) CC: Gustafson JB; Sykes RM; 3/98 MTBE (Methyl Tertiary Butyl Ether) Briefing Paper by the California Environmental Protection Agency March 1998 |
| PL-553 | 5/14/1998 | M 0025107 | M 0025108 | American Petroleum Institute Email Re FW: MTBE Contamination |

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| PL-554 | 5/14/1998 | SH 032805 | SH 032805 | E-mail Subject FW: MTBE Contamination From Stanley CC (Curtis) To Bell, Kathy; Boschetto Brad; Broussard Gweneyette; Chiang Chen; Chou Chi-su; Daly Phil; Darmer Ken; Dedoes Robert; Deeley George; Devaull George; Dinkfeld Edward; Dorn Phil; Dove John; Etti |
| PL-557 | 6/11/1998 | FOG MDL 1358 011046 | FOG MDL 1358 011125 | An Evaluation of MTBE Impacts to California Groundwater Resources |
| PL-558 | 6/17/1998 | M 0025109 | M 0025114 | Email from Bruce Bauman to Brian Harney and Gerhard Raabe re: MTBE press release |
| PL-562 | 11/12/1998 | CSMT0389499 | CSMT03899499 | UC Report - MTBE Fact Sheet |
| PL-566 | 12/9/1998 | EXLIGU - 6706 | EXLIGU - 6735 | Correspondence from Albert Liguori to Dennis Devlin re: Draft Summary of EBSI/ERE Comments on UC-Davis MTBE Report |
| PL-567 | 1/1/1999 | FOG MDL 1358 007178 | FOG MDL 1358 007187 | Evaluation of the atmosphere as a source of volatile organic compounds in shallow groundwater |
| PL-568 | 1/1/1999 | NYC-FOGG-000877 | NYC-FOGG-000884 | Report of the State Water Resources Control Board's Advisory Panel on the Leak History of New and Upgraded UST Systems |
| PL-569 | 1/1/1999 | NYCLBG01392 | NYCLBG01454 | Simulation of the effects of development of the groundwater flow system of long island new york |
| PL-570 | 1/1/1999 | NYCLBG01494 | NYCLBG01550 | Misut and Monti, Simulation of Ground-Water Flow and Pumpage in Kings and Queens County, LI New York |
| PL-572 | 1/18/1999 | EXLIGU - 6978 | EXLIGU - 6985 | Correspondence from V.M. Dugan to Fred Anderson re: UC-Davis MTBE Report |
| PL-573 | 1/21/1999 | EXLIGU - 6986 | EXLIGU - 6997 | API Gasoline Source Identification Project Task Force Meeting Minutes |
| PL-575 | 2/11/1999 | MDL1358hM-0840553 | MDL1358hM-0840564 | Slideshow, Mobil Business Resource Corporation Remediation Services, Fuel System Inspections |

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| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
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| PL-578 | 3/25/1999 | FOG MDL 1358 011126 | FOG MDL 1358 011158 | Methyl Tertiary Butyl Ether (MTBE) Impacts to California Groundwater |
| PL-579 | 3/30/1999 | EXLIGU - 7255 | EXLIGU - 7316 | Study Conducted on MTBE Release Source Identification at Marketing Sites |
| PL-580 | 3/30/1999 | EXLIGU 07255 | EXLIGU 07316 | Report, MTBE Release Source Identification at Marketing Sites, A Study Conducted for EUSA ESD by Exoon Research & Engineering Company, by: AE Liguori, AC Woerner, AM Calderon |
| PL-585 | 6/2/1999 | FOG MDL 1358 005821 | FOG MDL 1358 005823 | MEMO Subject: Expedited Evaluation of Risk Assessment for Tertiary Butyl Alcohol on Drinking Water |
| PL-587 | 7/27/1999 | FOG MDL 1358 007257 | FOG MDL 1358 007268 | The Blue Ribbon Panel on Oxygenates in Gasoline, Executive Summary and Recommendations |
| PL-588 | 7/27/1999 | VLO-MDL-000006515 | VLO-MDL-000006527 | White paper, Blue Ribbon Panel Findings and Recommendations on the Use of Oxygenates in Gasoline |
| PL-590 | 7/27/1999 | VLO-MDL-000006528 | VLO-MDL-000006551 | Slideshow summary of the report of the Blue Ribbon Panel on oxygenates in gasoline |
| PL-592 | 8/1/1999 | FOG MDL 1358 005910 | FOG MDL 1358 006042 | RFG/MTBE Findings & Recommendations |
| PL-593 | 8/6/1999 | XOM WARN 00030328; XOM NC0423 02716 | XOM WARN 00030343; XOM NC0423 02731 | Letter from A Zustovich to G Biddinger, B Demby, J Dobbs, V Dugan, R Gonzalez, A Hochhauser, C Knoeller, D Shah cc W Dermott, W Flis, W Madden, J Taunton re Exxon Position on MTBE Blue Ribbon Panel Report |
| PL-596 | 9/15/1999 | FOG MDL 1358 005392 | FOG MDL 1358 005510 | Achieving Clean Air and Clean Water: The Report of the Blue Ribbon Panel on Oxygenates in Gasoline |
| PL-598 | 9/15/1999 | NYC-WHITELAW-00471 | NYC-WHITELAW-00589 | Achieving Clean Air and Clean Water: The Report of the Blue Ribbon Panel on Oxygenates in Gasoline EPA Publication EPA420-R-99-021 |

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| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
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| PL-599 | 11/1/1999 | FOG MDL 1358 011041 | FOG MDL 1358 011045 | Biodegradation of Methyl tert-Butyl Ether by a Bacterial Pure Culture |
| PL-600 | 12/1/1999 | FOG MDL 1358 007612 | FOG MDL 1358 007679 | Volume 4: Potential Ground and Surface Water Impacts'Chapter 2: A Critical Review: The Effect of Ethanol in Gasoline on the Fate and Transport of BTEX in the Subsurface' |
| PL-601 | 12/1/1999 | FOG MDL 1358 007719 | FOG MDL 1358 007754 | Volume 4: Potential Ground and Surface Water Impacts'Chapter 4: Screening Model Evaluation of the Effects of Ethanol on Benzene Plume Lengths' |
| PL-602 | 12/1/1999 | FOG MDL 1358 007922 | FOG MDL 1358 008000 | Volume 4: Potential Ground and SurfaceWater Impacts'Chapter 8: Screening Analysis of PotentialGroundwater Resource Impacts from Gasoline Containing Ethanol or MTBE Using an Empirically based, Probabilistic Screening Model' |
| PL-603 | 12/1/1999 | FOG MDL 1358 011691 | FOG MDL 1358 011694 | Determination of the Ecological Risk Associated With a Plume of MTBE at NCBC, Port Hueneme, California |
| PL-604 | 1/1/2000 | FOG MDL 1358 006168 | FOG MDL 1358 006226 | Natural Attenuation of MTBE in the Subsurface under Methanogenic Conditions |
| PL-605 | 2/1/2000 | FOG MDL 1358 006553 | FOG MDL 1358 006668 | STRATEGIES FOR CHARACTERIZING SUBSURFACE RELEASES OF GASOLINE CONTAINING MTBE |
| PL-606 | 2/8/2000 | FOG MDL 1358 011931 | FOG MDL 1358 011939 | FINAL REPORT SURVEY OF ACTIVE NEW YORK STATE GASOLINE REMEDIATION SITES WITH POTENTIAL MTBE CONTAMINATION |

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| PL-611 | 3/24/2000 | FOG MDL 1358 003851 | FOG MDL 1358 003867 | Federal Register: Part VII 'Environmental Protection Agency' MTBE; Advance Notice of Intent To Initiate Rulemaking Under the Toxic Substances Control Act To Eliminate or Limit the use of MTBE as a Fuel Additive in Gasoline; Advanced Notice of Proposed Ru' |
| PL-612 | 3/24/2000 | MAR-000103 | MAR-000119 | Federal Register 40 CFR Part 755, Methyl Tertiary Butyl Ether (MTBE), Advance Notice of Intent to Initiate Rulemaking Under the Toxic Substances Control Act to Eliminate or Limit the Use of MTBE as a Fuel Additive in Gasoline |
| PL-615 | 4/1/2000 | FOG MDL 1358 006124 | FOG MDL 1358 006130 | Alternative Sorbents for Removing MTBE from Gasoline-Contaminated Ground Water |
| PL-616 | 4/1/2000 | FOG MDL 1358 011554 | FOG MDL 1358 011617 | Modeling the Impact of Ethanol on the Persistence of BTEX Compounds in Gasoline-contaminated Groundwater |
| PL-617 | 4/1/2000 | FOG MDL 1358 011824 | FOG MDL 1358 011930 | CALIFORNIA'S CONTAMINATED GROUNDWATER, Is the State Minding the Store? |
| PL-618 | 5/1/2000 | FOG MDL 1358 005726 | FOG MDL 1358 005733 | MTBE: To What Extent Will Past Releases Contaminate Community Water Supply Wells |
| PL-619 | 5/8/2000 | N/A | N/A | Letter from B.M. Harney to Document Control Office, Office of Pollution Prevention and Toxics re 40 CFR Part 755 MTBE, Advance Notice of Intent To Initiate Rulemaking Under the Toxic Substances Control Act To Eliminate or Limit the use of MTBE as a Fuel A |
| PL-622 | 8/1/2000 | NYC-FOGG-000374 | NYC-FOGG-000377 | MTBE and BTEX Plume Behavior |
| PL-625 | 12/1/2000 | FOG MDL 1358 005785 | FOG MDL 1358 005790 | The Complicated Challenge of MTBE Cleanups |

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| PL-626 | 12/1/2000 | FOG MDL 1358 005785 | FOG MDL 1358 005790 | The Complicated Challenge of MTBE Cleanups |
| PL-628 | 1/1/2001 | FOG MDL 1358 011966 | FOG MDL 1358 011974 | Will Ethanol-Blended Gasoline Affect Groundwater Quality? Using ethanol instead of MTBE as a gasoline oxygenate could be less harmful to the environment. |
| PL-629 | 2/1/2001 | FOG MDL 1358 006458 | FOG MDL 1358 006461 | Methyl t-Butyl Ether Mineralization in Surface-Water Sediment Microcosms under Denitrifying Conditions |
| PL-630 | 2/1/2001 | FOG MDL 1358 008408 | FOG MDL 1358 008417 | Predicting Impacts of Groundwater Contamination: A new framework for prioritizing environmental site cleanups considers the interaction of contaminant plumes with water supply wells |
| PL-632 | 3/1/2001 | FOG MDL 1358 008561 | FOG MDL 1358 008642 | MTBE and the Requirements for Underground Storage Tank Construction and Operation in Member States |
| PL-633 | 4/10/2001 | CITGOMDLII 0017481 | CITGOMDLII 0017481 | E-mail from H. Hopkins to B. Bauman, A. Liguon, A. Ahness, C. Venzke, C. Fairbrother, C. Chiang, C. Winsor, C. Stanley, Dan Irvin, D. Pierce, D. Tsao, D. Zabcik, D. Cockrum, D. Conrad, G. Devaull, G. Spinnier, G. Broussard, I Rhodes, J. Salanitro, J. Pant |
| PL-634 | 4/10/2001 | FOG MDL 1358 012236 | FOG MDL 1358 012253 | Ethanol in Groundwater at a Northwest Terminal, Workshop on the Increased Use of Ethanol and Alkylates in Automotive Fuels in California |
| PL-635 | 5/1/2001 | FOG MDL 1358 012043 | FOG MDL 1358 012108 | MONITORED NATURAL ATTENUATION: USEPA RESEARCH PROGRAM – AN EPA SCIENCE ADVISORY BOARD REVIEW |

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| PL-637 | 7/1/2001 | FOG MDL 1358 011798 | FOG MDL 1358 011823 | HEALTH, ENVIRONMENTAL, AND ECONOMIC IMPACTS OF ADDING ETHANOL TO GASOLINE IN THE NORTHEAST STATES, VOLUME 1'SUMMARY AND RECOMMENDATIONS' |
| PL-640 | 10/1/2001 | FOG MDL 1358 007306 | FOG MDL 1358 007319 | Chapter 1: Increased Use of Ethanol in Gasoline and Potential Ground Water Impacts |
| PL-641 | 10/1/2001 | FOG MDL 1358 007320 | FOG MDL 1358 007368 | Chapter 2: Infiltration and Distribution of Ethanol and Ethanol-blended Gasoline in the Vadose Zone |
| PL-642 | 10/1/2001 | FOG MDL 1358 007369 | FOG MDL 1358 007489 | Chapter 3: Effect of Ethanol and MtBE on BTEX Biodegradation in the Saturated Zone: Kinetic Studies |
| PL-643 | 10/1/2001 | FOG MDL 1358 007525 | FOG MDL 1358 007547 | Chapter 5: A Finite-difference-based Reactive Transport Model Assessment of the Effects of Ethanol Biotransformation on the Lengths of Benzene Plumes from Leaking Underground Fuel Tanks |
| PL-644 | 10/1/2001 | FOG MDL 1358 008353 | FOG MDL 1358 008356 | National Survey of MTBE and Other VOCs in Community Drinking-Water Sources |
| PL-645 | 10/1/2001 | FOG MDL 1358 008364 | FOG MDL 1358 008364 | Environmental Assessment of the Use of Ethanol as a Fuel Oxygenate:Subsurface Fate and Transport of Gasoline Containing Ethanol |
| PL-648 | 12/1/2001 | FOG MDL 1358 006140 | FOG MDL 1358 006145 | Aerobic Biodegradation of Methyl tert-Butyl Ether by Aquifer Bacteria from Leaking Underground Storage Tank Sites |
| PL-649 | 1/1/2002 | FOG MDL 1358 011618 | FOG MDL 1358 011629 | Modeling the impact of ethanol on the persistence of benzene in gasoline-contaminated groundwater |
| PL-651 | 3/1/2002 | FOG MDL 1358 011395 | FOG MDL 1358 011398 | MTBE (methyl tertiary-butyl ether) in groundwaters: Monitoring results from Germany |
| PL-652 | 4/1/2002 | FOG MDL 1358 007247 | FOG MDL 1358 007250 | Paradox of groundwater age: Correction |

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| PL-653 | 5/1/2002 | FOG MDL 1358 008953 | FOG MDL 1358 008961 | Biodegradation of Methyl tert-Butyl Ether and Other Fuel Oxygenates by a New Strain, Mycobacterium austroafricanum IFP 2012 |
| PL-654 | 5/1/2002 | FOG MDL 1358 011540 | FOG MDL 1358 011562 | Underground Storage Tank System Field-Based Research Project Report |
| PL-655 | 9/1/2002 | FOG MDL 1358 006451 | FOG MDL 1358 006457 | Role of Natural Attenuation in Life Cycle of MTBE Plumes |
| PL-656 | 11/1/2002 | FOG MDL 1358 005552 | FOG MDL 1358 005563 | Water Soluble Phase Oxygenates in Gasoline From Five New Jersey Service Stations |
| PL-657 | 12/1/2002 | FOG MDL 1358 006049 | FOG MDL 1358 006051 | Water 101: MTBE Primer |
| PL-658 | 1/7/2003 | NYC-FOGG-000589 | NYC-FOGG-000611 | Biodegradation of petroleum hydrocarbon vapors: laboratory studies on rates and kinetics in unsaturated alluvial sand |
| PL-659 | 3/1/2003 | FOG MDL 1358 007200 | FOG MDL 1358 007246 | Use and Releases of MTBE in Canada: A report based on responses to Environment Canada's May 26, 2001 information gathering notice on Methyl tertiary-Butyl Ether |
| PL-661 | 8/25/2003 | FOG MDL 1358 008373 | FOG MDL 1358 008393 | Fuel Ethanol: Background and Public Policy Issues |
| PL-662 | 9/1/2003 | FOG MDL 1358 005734 | FOG MDL 1358 005764 | Microbial degradation of methyl tert-butyl ether and tert-butyl alcohol in the subsurface |
| PL-663 | 10/13/2003 | NYC-FOGG-000855 | NYC-FOGG-000862 | Bioremediation of BTEX Hydrocarbons: Effect of Soil Inoculation with the Toluene-Growing Fungus Cladophialophora sp. Strain T1. Biodegradation 15: 59-65, 2004. |
| PL-665 | 4/1/2004 | FOG MDL 1358 006429 | FOG MDL 1358 006436 | Evaluation of the intrinsic methyl tert-butyl ether (MTBE) biodegradation potential of hydrocarbon contaminated subsurface soils in batch microcosm systems |

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| PL-666 | 4/1/2004 | FOG MDL 1358 012261 | FOG MDL 1358 012269 | Effect of Iron Type Kinetics and Carbon Isotopic Enrichment of Chlorinated Ethylenes During Abiotic reduction on Fe(O) |
| PL-667 | 5/1/2004 | FOG MDL 1358 008455 | FOG MDL 1358 008560 | Technologies for Treating MtBE and Other Fuel Oxygenates |
| PL-668 | 6/1/2004 | NYC-FOGG-000670 | NYC-FOGG-000675 | Tracking Troubling Vapor Releases in New Hampshire |
| PL-669 | 10/26/2004 | NYC-FOGG-000403 | NYC-FOGG-000414 | A Shallow BTEX and MTBE Contaminated Aquifer Supports a Diverse Microbial Community |
| PL-671 | 1/1/2005 | FOG MDL 1358 011461 | FOG MDL 1358 011549 | Monitored Natural Attenuation of MTBE as a Risk Management Option at Leaking Underground Storage Tank Sites |
| PL-672 | 1/20/2005 | NYCMPEXP003093 | NYCMPEXP003105 | Environmental Management Inc.'s Project on Limited Subsurface Investigation |
| PL-673 | 2/1/2005 | FOG MDL 1358 011228 | FOG MDL 1358 011359 | Overview of Groundwater Remediation Technologies for MTBE and TBA |
| PL-675 | 3/1/2005 | FOG MDL 1358 005611 | FOG MDL 1358 005616 | Comparison of Biostimulation versus Bioaugmentation with Bacterial Strain PM1 for Treatment of Groundwater Contaminated with Methyl Tertiary Butyl Ether (MTBE) |
| PL-676 | 4/6/2005 | NYCMPEXP003207 | NYCMPEXP003218 | Correspondence from J.R. Holzmacher to the NYC DEC re: Tank Closure Assessment - Spill #88-06289 |
| PL-677 | 4/6/2005 | NYCMPEXP003292 | NYCMPEXP003318 | Correspondence from J.R. Holzmacher to the NYC DEC re: Tank Closure Assessment - Spill #88-06289 |
| PL-678 | 5/1/2005 | FOG MDL 1358 005838 | FOG MDL 1358 005845 | Anaerobic Biodegradation of Methyl tert-Butyl Ether Under Iron-Reducing Conditions in Batch and Continuous-Flow Cultures |

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| PL-679 | 5/10/2005 | NYCMPEXP003219 | NYCMPEXP003279 | Correspondence from NYC DEC to J.R. Holzmacher re: Spill #88-06289, Gasoline Service Station |
| PL-680 | 6/10/2005 | NYC-FOGG-000612 | NYC-FOGG-000614 | Propane and n-butane Oxidation by Pseudomonas putida GPo1 |
| PL-681 | 3/8/1996 | FOG MDL 1358 006135 | FOG MDL 1358 006139 | Limitations of the lignin peroxidase system of the white-rot fungus, Phanerochaete chrysosporium |
| PL-682 | 6/20/2005 | FOG MDL 1358 006538 | FOG MDL 1358 006552 | Cost Estimate To Remove MTBE Contamination From Public Drinking Water Systems In The United States |
| PL-683 | 6/21/2005 | FOG MDL 1358 007145 | FOG MDL 1358 007177 | A REVIEW OF COST ESTIMATES OF MTBE CONTAMINATION OF PUBLIC WELLS |
| PL-684 | 2/8/2002 | FOG MDL 1358 006146 | FOG MDL 1358 006154 | EFFECT OF ETHANOL AND METHYL-TERT-BUTYL ETHER ON MONO AROMATIC HYDROCARBON BIODEGRADATION: RESPONSE VARIABILITY FOR DIFFERENT AQUIFER MATERIALS UNDER VARIOUS ELECTRON-ACCEPTING CONDITIONS |
| PL-685 | 7/21/2005 | NYCMPEXP003924 | NYCMPEXP003925 | Correspondence from Shaw Environmental Inc. to NYC DEC re: Recommendation for No Further Action |
| PL-686 | 8/10/2005 | NYCMPEXP003111 | NYCMPEXP003182 | site investigation report for citgo service station - 115 merrick blvd., jamaica, new york |
| PL-687 | 9/15/2005 | NYC-FOGG-000396 | NYC-FOGG-000402 | Leaded-Gasoline Additives Still Contaminate Water |
| PL-688 | 10/14/2005 | NYCMPEXP003109 | NYCMPEXP003110 | Correspondence from NYC DEP to Bhela, Inc. re: Spill No. 96-05038, Citgo Service Station in Jamaica, New York |
| PL-689 | 10/17/2005 | NYC-FOGG-000175 | NYC-FOGG-000182 | Effects of Endogenous Substrates on Adaptation of Anaerobic Microbial Communities to 3-Chlorobenzate |

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| PL-690 | 11/18/2005 | NYC-FOGG-001281 | NYC-FOGG-001294 | Biotreatment of groundwater contaminated with MtBE: interaction of common environmental co-contaminants. Biodegradation. (2007) 18:37-50. |
| PL-691 | 2/1/2006 | FOG MDL 1358 006494 | FOG MDL 1358 006500 | Carbon Isotope Fractionation during Anaerobic Degradation of Methyl tert-Butyl Ether under Sulfate-Reducing and Methanogenic Conditions |
| PL-692 | 2/1/2006 | N/A | N/A | MTBE as a Ground Water Contaminant, Maine Dept. of EPA |
| PL-693 | 2/23/2006 | NYCMPEXP003192 | NYCMPEXP003206 | Correspondence from NYC DEP to Orna Enterprises, Inc. re: Spill No. 88-06289 |
| PL-694 | 3/10/2006 | NYCMPEXP003183 | NYCMPEXP003188 | Correspondence from MIG Environmental to the NYC DEC re: Spill No. 96-05038 |
| PL-695 | 4/3/2006 | NYCMPEXP003189 | NYCMPEXP003191 | Correspondence from MIG Environmental to the NYC DEC re: Spill No. 96-05038 |
| PL-696 | 5/22/2006 | NYC-FOGG-001251 | NYC-FOGG-001257 | Biodegradation of Ether Pollutants by Pseudonocardia sp. Strain ENV478. Applied and Environmental Microbiology. (August 2006) p. 5218-5224. |
| PL-697 | 6/1/2006 | FOG MDL 1358 012020 | FOG MDL 1358 012027 | The Alkyl tert-Butyl Ether Intermediate 2-Hydroxyisobutyrate Is Degraded via a Novel Cobalamin-Dependent Mutase Pathway |
| PL-698 | 11/1/2006 | NYCLBG01733 | NYCLBG01767 | NYCDEP Long Island Groundwater Model - Draft Technical Memorandum 1: Model Approach and Development |
| PL-700 | 1/3/2007 | NYC-FOGG-000722 | NYC-FOGG-000730 | Carbon Conversion Efficiency and Limits of Productive Bacterial Degradation of Methyl tert-Butyl Ether and Related Compounds. Applied and Environmental Microbiology. Vol 73, No 6. |
| PL-701 | 2/5/2007 | NYC-FOGG-000194 | NYC-FOGG-000208 | Regional Nitrate and Pesticide Trends in Ground Water in the Eastern San Joaquin Valley, California |

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| PL-702 | 5/11/2007 | NYC-FOGG-000863 | NYC-FOGG-000876 | Aerobic MtBE Biodegradation in the presence of BTEX by two consortia under batch and semi-batch conditions. Biodegradation (2008) 19:269-282. |
| PL-703 | 7/7/2007 | NYC-FOGG-000380 | NYC-FOGG-000387 | Insight into Methyl tert-butyl Ether (MTBE) Stable Isotope Fractionation from Abiotic Reference Experiments |
| PL-704 | 7/27/2007 | NYC-FOGG-000233 | NYC-FOGG-000250 | Occurrence of Volatile Organic Compounds in Aquifers of the United States |
| PL-705 | 8/1/2007 | NYC-FOGG-000458 | NYC-FOGG-000464 | Adsorption and Abiotic Transformation of Methyl tert-butyl Ether through Acidic Catalysts |
| PL-706 | 8/16/2007 | NYC-FOGG-001314 | NYC-FOGG-001319 | Estimation of the fraction of biologically active methyl tert-butyl ether degraders in a heterogeneous biomass sample. Springer Science+Business. (2007) |
| PL-707 | 9/4/2007 | NYCLBG02625 | NYCLBG02628 | RFG Property and Performance Averages for Ny-NJ-Long Is.-CT |
| PL-708 | 9/6/2007 | NYC-FOGG-000685 | NYC-FOGG-000690 | Biodegradation of Bis(2-Chloroethyl) Ether by Xanthobacter sp. Strain ENV481 |
| PL-709 | 9/12/2007 | NYC-FOGG-000621 | NYC-FOGG-000633 | Modern geochemical and molecular tools for monitoring'in-situ biodegradation of MTBE and TBA' |
| PL-710 | 9/13/2007 | NYC-FOGG-000183 | NYC-FOGG-000188 | Carbon Isotope Fractionation during Diffusion and Biodegradation of Petroleum Hydrocarbons in the Unsaturated Zone: Field Experiment at Vaerlose Airbase, Denmark, and Modeling |
| PL-711 | 10/29/2007 | NYC-FOGG-000909 | NYC-FOGG-000915 | Pathway, inhibition and regulation of methyl tertiary butyl ether oxidation in a filamentous fungus, Graphium sp. Applied Microbiol Biotechnol (2008) 77:1359-1365. |
| PL-712 | 11/5/2007 | NYC-FOGG-000338 | NYC-FOGG-000344 | Degradation of methyl tert-butyl ether by gel immobilized Methylibium petroleiphilum PM1 |

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| PL-713 | 12/1/2007 | NYC-FOGG-000345 | NYC-FOGG-000352 | Biodegradation of methyl tert-butyl ether by Methylibium petroleiphilum PM1 in poor nutrition solution |
| PL-714 | 12/8/2007 | NYC-FOGG-001326 | NYC-FOGG-001333 | Biodegradation of methyl tert-Butyl Ether by aerobic granules under a cosubstrate condition. Appl. Microbiol Biotechnol (2008) 78:543-550. |
| PL-715 | 12/19/2007 | NYC-FOGG-000894 | NYC-FOGG-000908 | Biodegradation potential of MtBE in a fractured chalk aquifer under aerobic conditions in long-term contaminated and contaminated aquifer microcosms. Journal of Contaminant Hydrology 103 (2009) 119-133. |
| PL-716 | 12/20/2007 | NYC-FOGG-001334 | NYC-FOGG-001341 | Biodegradation of methyl tert-Butyl Ether as a sole carbon source by aerobic granules cultivated in a sequencing batch reactor. Bioprocess Biosyst Eng (2008) 31:527-534 |
| PL-717 | 2/1/2008 | NYCLBG01805 | NYCLBG01826 | NYSDEC, USEPA MTBE Pilot Project - Objective 2 - Investigate Potential Sources of MTBE Contamination on LI that Could Impact Water Supplies o or Environmentalall Senstive Areas |
| PL-718 | 2/18/2008 | NYC-FOGG-000730 | NYC-FOGG-000738 | Degradation of Fuel Oxygenates and their Main Intermediates by Aquincola Tertiaricarbonis L108. Microbiology (2008) pp. 1414-1421. |
| PL-719 | 3/4/2008 | NYC-FOGG-000659 | NYC-FOGG-000665 | Characterization of cyclohexane and hexane degradation by Rhodococcus sp. EC1 |
| PL-720 | 4/17/2008 | NYC-FOGG-001275 | NYC-FOGG-001280 | Biodegradation of Methyl tert-Butyl Ether using Bacterial Strains. Folia Microbiol. 53 (5), 411-416 (2008) |
| PL-721 | 5/13/2008 | NYCLBG02682 | NYCLBG02689 | Correspondence from NY DEC to Bureau of Water and Sewer Operations re: Notice of Permit Renewal |

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| PL-722 | 6/1/2008 | NYC-FOGG-000524 | NYC-FOGG-000566 | The precautionary principle and risk-risk tradeoffs |
| PL-724 | 7/8/2008 | NYC-FOGG-000634 | NYC-FOGG-000648 | Isotopic fractionation by diffusion in groundwater |
| PL-725 | 7/28/2008 | NYC-FOGG-000676 | NYC-FOGG-000684 | Use of Mycobacterium austroafricanum IFP 2012 in a MTBE-Degrading Bioreactor |
| PL-726 | 8/19/2008 | NYCMPEXP002986 | NYCMPEXP002988 | NYC DEP Well Aquifers Designations, Capacities and Depths as of August 19, 2008 |
| PL-727 | 9/5/2008 | NYC-FOGG-000712 | NYC-FOGG-000721 | Mineralization of Methyl tert-butyl ether and other gasoline oxygenates by Psudomonads using short n-alkanes as growth source. Springer Science + Business Media. |
| PL-728 | 10/22/2008 | NYC-FOGG-000415 | NYC-FOGG-000422 | Dual Augmentation for aerobic bioremediation of MTBE and TCE pollution in heavy metal-contaminated soil |
| PL-729 | 11/12/2008 | NYCLBG01602 | NYCLBG01606 | Misut, Yulinsky, Cohen, Germain,, Voss, Monti, A Sutra Model of Seawater Intrusion in Western LI, New York |
| PL-730 | 3/2/2009 | NYC-FOGG-001241 | NYC-FOGG-001245 | USEPA. Brooklyn-Queens Aquifer System. http://www.epa.gov/region02/water/aquifer/brooklyn/brooklyn.htm |
| PL-731 | 11/14/2009 | FOG MDL 1358 005564 | FOG MDL 1358 005610 | Study of Tert-Butyl Alcohol (TBA) at Selected Underground Storage Tank Remediation Projects Sites in Orange County, California |
| PL-738 | 00/00/0000 | CUR - 766 and LCBE - 420019 | CUR - 784 and LCBE - 420037 | Exxon Underground Tank Maintenance Brochure |
| PL-739 | 00/00/0000 | CUR - 807 and LCBE - 420050 | CUR - 826 and LCBE - 420069 | Chart 1 of the Marketing Underground Leak Prevention Program |
| PL-740 | 00/00/0000 | CUR - 827 and LCBE - 420070 | CUR - 839 and LCBE - 420082 | Mission Statement of the Underground Leak Prevention Program |
| PL-741 | 00/00/0000 | CUR - 840 and LCBE - 420083 | CUR - 842 and LCBE - 420085 | Leak Prevention Program Implementation Manpower Requirements |

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| PL-743 | 00/00/0000 | CUR000050 | CUR000172 | Underground Leak Prevention/Detection at Service Stations |
| PL-745 | 00/00/0000 | EQR - 5469 | EQR - 5472 | MTBE White Paper Report on Impact of MTBE on Groundwater |
| PL-750 | 00/00/0000 | EX1 - 41810 | EX1 - 42239 | Environmental Engineering Guidelines for Soil and Water Protection |
| PL-751 | 00/00/0000 | EX1 - 48654 | EX1 - 48655 | Exxon's Benicia Refinery Gasoline MTBE Content Chart |
| PL-754 | 00/00/0000 | EXAN - 1103 | EXAN - 1278 | Exxon Environmental Engineering National Consultant Workscopes and Guidelines |
| PL-757 | 00/00/0000 | EXLIGU - 4119 | EXLIGU - 4129 | Draft of Literature Review of MTBE Leak Sources at Gasoline Distribution Storage and Marketing Facilities |
| PL-762 | 00/00/0000 | EXLIGU - 7002 | EXLIGU - 7003 | MTBE Release Source Identification at Marketing Sites Draft Report Comments |
| PL-764 | 00/00/0000 | FOG MDL 1358 005125 | FOG MDL 1358 005193 | MTBE Remediation Handbook |
| PL-765 | 00/00/0000 | FOG MDL 1358 005224 | FOG MDL 1358 005230 | Cometabolism of MTBE by Alkane-Utilizing Microorganisms in Natural Attenuation: Chlorinated and Recalcitrant Compounds |
| PL-766 | 00/00/0000 | FOG MDL 1358 005378 | FOG MDL 1358 005382 | Alternatives for Groundwater Cleanup, Table of Contents |
| PL-767 | 00/00/0000 | FOG MDL 1358 005383 | FOG MDL 1358 005388 | Biodegradation and Bioremediation Table of Contents |
| PL-768 | 00/00/0000 | FOG MDL 1358 005511 | FOG MDL 1358 005515 | MTBE: Effects on Soils and Groundwater Resources, Table of Contents |
| PL-769 | 00/00/0000 | FOG MDL 1358 005617 | FOG MDL 1358 005629 | Potential for MTBE Bopremediation-In Situ Inoculation of Specialized Cultures |
| PL-770 | 00/00/0000 | FOG MDL 1358 005846 | FOG MDL 1358 005857 | Applications of Ground Water Fate and Transport Models to Evaluate Contaminant Mass Flux and Remedial Options for a MTBE Plume on Long Island, NYd |
| PL-771 | 00/00/0000 | FOG MDL 1358 006063 | FOG MDL 1358 006071 | Degradation Pathways during the Treatment of Methyl-Butyl Ether by the UV/H2O2 Process |

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| PL-772 | 00/00/0000 | FOG MDL 1358 006283 | FOG MDL 1358 006302 | Evaluating Natural Biodegradation of MTBE at Multiple UST Sites |
| PL-773 | 00/00/0000 | FOG MDL 1358 006386 | FOG MDL 1358 006394 | Effects of Environmental Conditions on MTBE Degradation in Model Column Aquifers |
| PL-774 | 00/00/0000 | FOG MDL 1358 008962 | FOG MDL 1358 008974 | The fuel additive MTBE- a groundwater protection issue? |
| PL-775 | 2/8/2006 | FOG MDL 1358 009212 | FOG MDL 1358 009218 | Ethanol's Energy Return on Investment: A Survey of the Literature 1990-Present |
| PL-776 | 00/00/0000 | FOG MDL 1358 011442 | FOG MDL 1358 011452 | The Size and Behavior of MTBE Plumes in Texas |
| PL-779 | 00/00/0000 | LCBE - 030315 | LCBE - 030321 | Attachement 1 on Lessee Dealer Buyout Program Guidelines for Implementation |
| PL-780 | 00/00/0000 | LCBE - 030399 | LCBE - 030419 | Overview of the Marketing Underground Leak Prevention Program |
| PL-781 | 00/00/0000 | LCBE - 270202 | LCBE - 270219 | Exxon Underground Tank Maintenance Brochure |
| PL-782 | 9/1/1981 | LCBE - 321524 | LCBE - 321530 | Report on Underground Tank Program |
| PL-784 | 00/00/0000 | LCBE 34 1511 | LCBE 34 1517 | Proposed 1987 Underground Tank Program; Underground Tank Program Upgrading Guidelines |
| PL-785 | 00/00/0000 | LCBEMISC - 22801 | LCBEMISC - 22802 | Exxon Underground Tank Leak Prevention and Detection Program |
| PL-786 | 00/00/0000 | M 0010729 | M 0010735 | Mobil Continuous Improvement Conference: Best Practice Sharing: Remediation by Natural Attenuation (RNA) by Norm Novick |
| PL-790 | 00/00/0000 | N/A | N/A | Report on MTBE as a Ground Water Contaminant |
| PL-792 | 00/00/0000 | N/A | N/A | CV/Resume for Senior Associate of Malcolm Pirnie, Donald Cohen |
| PL-799 | 00/00/0000 | N/A | N/A | 42 U.S.C. § 300h-3(e) |

| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
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| PL-801 | 00/00/0000 | N/A | N/A | Paper, 'MTBE as a Ground Water Contaminant' by Peter Garrett and Marcel Moreau of the Maine Department of Environmental Protection and Jerry D. Lowry of Universiyt of Maine from 1986 Conference on Petroleum and Organic Chemicals in Ground Water |
| PL-802 | 00/00/0000 | N/A | N/A | MTBE and Pressurized Piping Permeability by S Curran |
| PL-803 | 00/00/0000 | NYC-FOGG-000471 | NYC-FOGG-000486 | Evolution of an MTBE Plume: Discovery, Containment, and Remediation |
| PL-804 | 00/00/0000 | NYC-FOGG-000885 | NYC-FOGG-000892 | MTBE Behavior at Field Sites and Plume Characterization. |
| PL-805 | 00/00/0000 | NYC-FOGG-001228 | NYC-FOGG-001240 | Occurance of Methyl teritary-Butyl Ether (MTBE) in Groundwater at Operation UST Facilities in Santa Clara County: A Study to Assess Groundwater Vulnerability |
| PL-806 | 9/00/2002 | NYC-FOGG-001258 | NYC-FOGG-001267 | Treatment of MtBE-Contaminated Water in Fluidized Bed Bioreactor. Journal of Environmental Engineering. (September 2002) |
| PL-807 | 6/00/1998 | NYC-FOGG-001320 | NYC-FOGG-001325 | Perspective. Prokaryotes: The unseen majority. Proc. Natl. Acad. Sci. USA. Volume 95, pp. 6578-6583, June 1998 |
| PL-808 | 2005 | NYC-FOGG-001342 | NYC-FOGG-001353 | New Evaluation Scheme for Two-Dimensional Isotope Analysis to Decipher Biodegradation Processes: Application to Groundwater Contamination by MTBE. Environ. Sci. Technol (2005) 39, 1018-1029. |
| PL-809 | 00/00/0000 | NYC-FOGG-001421 | NYC-FOGG-001424 | A Comparative Assessment of the Long-Term Behavior of MtBE and Benzene Plumes in Florida, USA |
| PL-810 | 00/00/0000 | NYCLBG00001 | NYCLBG00690 | Moyer, Ellen, 203, MTBE History Properties, Occurence and Assessment, in MTBE Remediation Handboook |

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| PL-811 | 00/00/1999 | NYCLBG01551 | NYCLBG01580 | Simulation of Freshwater-Saltwater Interfaces in the Brooklyn-Queens Aquifer System |
| PL-828 | 2007 | NYCMPEXP004820 | NYCMPEXP004957 | Report on Alternative Adsorbents for the Removal of Polar Organic Contaminants |
| PL-829 | 00/00/0000 | TONN CDK 00247 | TONN CDK 00248 | Recommended Practices for Gasoline Inventory Control |
| PL-831 | 7/00/1999 | VLO-MDL-000006515 | VLO-MDL-000006527 | Blue Ribbon Panel's Findings and Recommendations on the Use of Oxygenates in Gasoline, July 1999 |
| PL-832 | 7/00/1984 | XGN - 14089 | XGN - 14467 | Environmental Engineering Guidelines for Soil and Water Protection |
| PL-833 | 00/00/0000 | XOM-UST-000013372, XOM-NC0287-02179 | XOM-UST-000013380, XOM-NC0287-02187 | Characteristics of Dissolved Petroleum Hydrocarbon Plumes - Results from Four Studies |
| PL-835 | 00/00/0000 | FOG MDL 1358 005389 | FOG MDL 1358 005391 | Natural Attenuation for Groundwater Remediation, Table of Contents |
| PL-837 | 00/00/1966 | NYC-FOGG-001497 | NYC-FOGG-001510 | The Changing Pattern of Ground-Water Development on Long Island, New York |
| PL-845 | 00/00/1986 | FOG MDL 1358 008975 | FOG MDL 1358 008986 | MTBE as a Ground Water Contaminant |
| PL-846 | 00/00/1986 | XOM REM 00027059; XOM NC0021 00187 | XOM REM 00027071; XOM NC0021 00199 | MTBE as a Ground Water Contaminant by Peter Garrett, Marcel Moreau (Maine Department of Environmental Protection) and Jerry D. Lowry (University of Maine); contains Jeff Meyers' handwritten notes |
| PL-847 | 00/00/1986 | XOM-MT891-2941 | XOM-MT891-2953 | MTBE as a Ground Water Contaminant by Peter Garrett, Marcel Moreau (Maine Department of Environmental Protection) and Jerry D. Lowry (University of Maine); |
| PL-848 | 00/00/1989 | NYC-FOGG-000581 | NYC-FOGG-000588 | Relationship between Subsurface Biodegradation Rates and Microbial Density |
| PL-849 | 00/00/1990 | FOG MDL 1358 005834 | FOG MDL 1358 005838 | Solubility and Degradability of the Gasoline Additive MTBE, methyl-tert.-butyl-ether, and Gasoline Compounds in Water |

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| PL-850 | 00/00/0000 | FOG MDL 1358 007188 | FOG MDL 1358 007199 | The Influence of Methanol and MTBE on the Fate and Persistence of Monoaromatic Hydrocarbons in Groundwater |
| PL-851 | 00/00/1991 | FOG MDL 1358 008357 | FOG MDL 1358 008363 | Partitioning of Aromatic Constituents into Water from Gasoline and Other Complex Solvent Mixtures |
| PL-852 | 00/00/1992 | FOG MDL 1358 005231 | FOG MDL 1358 005238 | Health Risk Assessment of the Migration of Unleaded Gasoline - A Model for Petroleum Products |
| PL-853 | 00/00/1993 | FOG MDL 1358 005824 | FOG MDL 1358 005833 | Point-of-entry treatment of petroleum contaminated water supplies |
| PL-854 | 00/00/1993 | FOG MDL 1358 012233 | FOG MDL 1358 012235 | Anaerobic Biodegradation of Known and Potential Gasoline Oxygenates in the Terrestrial Subsurface |
| PL-855 | 00/00/1994 | FOG MDL 1358 006072 | FOG MDL 1358 006080 | Oxidation of Methyl tert-Butyl Ether (MTBE and Ethyl tert-Butyl Ether (ETBE) By Ozone and Combined Ozone/Hydrogen Peroxide |
| PL-856 | 00/00/1994 | FOG MDL 1358 006315 | FOG MDL 1358 006320 | Anaerobic Biodegradation of Gasoline Oxygenates: Extrapolation of Information to Multiple Sites and Redox Conditions |
| PL-857 | 00/00/1995 | FOG MDL 1358 005194 | FOG MDL 1358 005223 | Intrinsic Bioattenuation for Subsurface Restoration, in Intrinsic Bioremediation |
| PL-858 | 00/00/1995 | FOG MDL 1358 005906 | FOG MDL 1358 005909 | Understanding the limitations of microbial metabolism of ethers used as fuel octane enhancers |
| PL-859 | 00/00/1995 | FOG MDL 1358 006043 | FOG MDL 1358 006048 | Photocatalytic Degradation of Methyl-tert-Butyl Ether in TiO ₂ Slurries: A Proposed Reaction Scheme |
| PL-860 | 00/00/1995 | FOG MDL 1358 011213 | FOG MDL 1358 011217 | An Evaluation of Thermal Effects on the Dissolution of a Nonaqueous Phase Liquid in Porous Media |
| PL-861 | 00/00/1995 | FOG MDL 1358 012257 | FOG MDL 1358 012260 | Occurrence of the Gasoline Additive MTBE in Shallow Ground Water in Urban and Agricultural Areas |

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| PL-862 | 00/00/1996 | FOG MDL 1358 006341 | FOG MDL 1358 006345 | Comparison of EH and H2 Measurements for Delineating Redox Processes in a Contaminated Aquifer |
| PL-863 | 00/00/1996 | FOG MDL 1358 006349 | FOG MDL 1358 006368 | Bacterial Scission of Ether Bonds, with handwritten notes |
| PL-864 | 00/00/1996 | FOG MDL 1358 008365 | FOG MDL 1358 008372 | Natural Bioremediation Perspective for BTX-Contaminated Groundwater in Brazil: Effect of Ethanol in Water Sci. Tech. Journal |
| PL-865 | 00/00/1996 | FOG MDL 1358 012223 | FOG MDL 1358 012232 | Preliminary Assessment of the Occurrence and Possible Sources of MTBE in Groundwater in the United States, 1993-1994 |
| PL-866 | 00/00/1997 | FOG MDL 1358 005799 | FOG MDL 1358 005802 | Effects of Oxygen and Temperature on the Biodegradation of MTBE |
| PL-867 | 00/00/1997 | FOG MDL 1358 006476 | FOG MDL 1358 006485 | Biodegradation of Petroleum Hydrocarbons in Fractured, Unsaturated Dolomite at a Field Site, with handwritten notes |
| PL-868 | 00/00/1997 | FOG MDL 1358 011550 | FOG MDL 1358 011553 | Biodegradation of methyl t-butyl ether by pure bacterial cultures |
| PL-869 | 00/00/1997 | FOG MDL 1358 011985 | FOG MDL 1358 011992 | Isotopically light methane in natural gas: bacterial imprint or diffusive fractionation? |
| PL-870 | 00/00/1997 | NYC-FOGG-001394 | NYC-FOGG-001420 | Life in the Slow Lane: Activities of Microorganisms in the Subsurface |
| PL-871 | 00/00/1998 | FOG MDL 1358 011186 | FOG MDL 1358 011212 | Modeling the partitioning of BTEX in water-reformulated gasoline systems containing ethanol |
| PL-872 | 00/00/0000 | FOG MDL 1358 011940 | FOG MDL 1358 011948 | Implications of MTBE for Intrinsic Remediation of Underground Fuel Tank Sites |
| PL-873 | 00/00/0000 | FOG MDL 1358 012120 | FOG MDL 1358 012132 | Perspectives on MTBE Biodegradation and the Potential for IN-Situ Aquifer Bioremediation |
| PL-874 | 00/00/1998 | FOG MDL 1358 012137 | FOG MDL 1358 012146 | A Study of Long-Term MTBE Attenuation in the Borden Aquifer, Ontario, Canada |

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| PL-875 | 00/00/1998 | NYC-FOGG-000378 | NYC-FOGG-000379 | Physical and Chemical Hydrogeology - Second Edition |
| PL-876 | 00/00/1998 | NYC-FOGG-000394 | NYC-FOGG-000395 | Bioremediation Principles |
| PL-877 | 00/00/1998 | NYC-FOGG-000649 | NYC-FOGG-000658 | Fate of MTBE Relative to Benzene in a Gasoline-Contaminated Aquifer (1993-98) |
| PL-878 | 00/00/0000 | NYC-WHITELAW-005452 | NYC-WHITELAW- 005551 | Fogg, et al. Impacts of MTBE on California Groundwater |
| PL-879 | 00/00/1999 | FOG MDL 1358 005882 | FOG MDL 1358 005892 | Characteristics of Gasoline Releases in the Water Table Aquifer of Long Island |
| PL-880 | 00/00/1999 | FOG MDL 1358 006346 | FOG MDL 1358 006348 | Aerobic Mineralization of MIBE and tert-Butyl Alcohol by Stream-Bed Sediment Microorganisms |
| PL-881 | 00/00/1999 | FOG MDL 1358 006534 | FOG MDL 1358 006536 | Compound-specific isotope analysis: tracing organic contaminant sources and processes in geochemical systems |
| PL-882 | 00/00/1999 | FOG MDL 1358 008155 | FOG MDL 1358 008240 | Sustainability of Ground-Water Resources |
| PL-883 | 00/00/1999 | FOG MDL 1358 008946 | FOG MDL 1358 008952 | Treatment of Methyl tert-Butyl Ether Vapors in Biotrickling Filters. 1. Reactor Startup, Steady-State Performance, and Culture Characteristics |
| PL-884 | 00/00/1999 | FOG MDL 1358 011168 | FOG MDL 1358 011178 | Carbon isotope systematics of monoaromatic hydrocarbons: vaporization and adsorption experiments |
| PL-885 | 00/00/1999 | FOG MDL 1358 011475 | FOG MDL 1358 011539 | Evaluation of Processes Affecting 1,2-Dibromo-3-Chloropropane (DBCP) Concentrations in Ground Water in the Eastern San Joaquin Valley, California: Analysis of Chemical Data and Ground-Water Flow and Transport Simulations |
| PL-886 | 00/00/1999 | FOG MDL 1358 012133 | FOG MDL 1358 012136 | Evaluation of Biodegradation and Dispersion as Natural Attenuation Processes of MTBE and Benzene at the Borden Field Site |

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| PL-887 | 00/00/1999 | FOG MDL 1358 012211 | FOG MDL 1358 012222 | Volatile Organic Compounds in Untreated Ambient Groundwater of the United States, 1985-1995 |
| PL-888 | 00/00/1999 | NYC-FOGG-001539 | NYC-FOGG-001576 | Feasibility of Using Ground Water as a Supplemental Supply for Brooklyn and Queens, New York |
| PL-889 | 00/00/2000 | FOG MDL 1358 005630 | FOG MDL 1358 005700 | A review of current MTBE usage and occurrence in groundwater in England and Wales |
| PL-890 | 00/00/2000 | FOG MDL 1358 006052 | FOG MDL 1358 006062 | An Evaluation of Physicochemical Treatment Technologies for Water Contaminated with MTBE |
| PL-891 | 00/00/2000 | FOG MDL 1358 006105 | FOG MDL 1358 006112 | Kinetics of Methyl Tert-Butyl Ether Degradation and By-Product Formation During UV/Hydrogen Peroxide Treatment |
| PL-892 | 00/00/2000 | FOG MDL 1358 006113 | FOG MDL 1358 006123 | Field-Scale Demonstration of Enhanced MTBE Bioremediation through Aquifer Bioaugmentation and Oxygenation |
| PL-893 | 00/00/2000 | FOG MDL 1358 006131 | FOG MDL 1358 006134 | UV/H ₂ O ₂ Treatment of Methyl tert-Butyl Ether in Contaminated Waters |
| PL-894 | 00/00/2000 | FOG MDL 1358 006395 | FOG MDL 1358 006408 | Occurrence of MTBE in drinking water sources: A recent survey investigates the prevalence of MTBE in drinking water supplies and evaluates the efficacy of treatment for MTBE removal |
| PL-895 | 00/00/2001 | FOG MDL 1358 007251 | FOG MDL 1358 007256 | Carbon isotope fractionation during abiotic reductive dehalogenation of trichloroethene (TCE) |
| PL-896 | 00/00/1997 | FOG MDL 1358 011388 | FOG MDL 1358 011411 | A Probabilistic Assessment of Household Exposures to MTBE from Drinking Water |
| PL-897 | 00/00/2001 | FOG MDL 1358 005701 | FOG MDL 1358 005708 | Biodegradation of Methyl tert-Butyl Ether under Various Substrate Conditions |

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| PL-898 | 00/00/2001 | FOG MDL 1358 005709 | FOG MDL 1358 005714 | Evaluation of the Intrinsic MTBE Biodegradation Potential in MTBE-Contaminated Soils, with handwritten notes |
| PL-899 | 00/00/2001 | FOG MDL 1358 005867 | FOG MDL 1358 005872 | Using the Gasoline Additive MTBE in Forensic Environmental Investigations |
| PL-900 | 00/00/2001 | FOG MDL 1358 006155 | FOG MDL 1358 006163 | DEMONSTRATION OF THE BIOREMEDIATION PROCESS FOR MTBE REMEDIATION AT RETAIL GASOLINE STATIONS |
| PL-901 | 00/00/2001 | FOG MDL 1358 006164 | FOG MDL 1358 006167 | Enhanced Bioremediation of MTBE (BioRemedy) at Retail Gas Stations |
| PL-902 | 00/00/2001 | FOG MDL 1358 006237 | FOG MDL 1358 006282 | The Transport and Fate of Ethanol and BTEX in Groundwater Contaminated by Gasohol |
| PL-903 | 00/00/2001 | FOG MDL 1358 006303 | FOG MDL 1358 006308 | Anaerobic biotransformation of fuel oxygenates under sulfate-reducing conditions |
| PL-904 | 00/00/2001 | FOG MDL 1358 006321 | FOG MDL 1358 006330 | Methyl tert-Butyl Ether Biodegradation by Indigenous Aquifer Microorganisms under Natural and Artificial Oxidic Conditions, with handwritten notes |
| PL-905 | 00/00/2001 | FOG MDL 1358 006331 | FOG MDL 1358 006335 | Widespread Potential for Microbial MTBE Degradation in Surface-Water Sediments |
| PL-906 | 00/00/2001 | FOG MDL 1358 006336 | FOG MDL 1358 006340 | Effect of Redox Conditions on MTBE Biodegradation in Surface Water Sediments |
| PL-907 | 00/00/2001 | FOG MDL 1358 006517 | FOG MDL 1358 006524 | Hydrolysis of tert-Butyl Methyl Ether (MTBE) in Dilute Aqueous Acid |
| PL-908 | 00/00/2001 | FOG MDL 1358 008643 | FOG MDL 1358 008653 | Microbial degradation and fate in the environment of methyl tert-butyl ether and related fuel oxygenates |
| PL-909 | 00/00/2001 | FOG MDL 1358 008987 | FOG MDL 1358 009117 | Occurrence and Distribution of Methyl tert-Butyl Ether and Other Volatile Organic Compounds in Drinking Water in the Northeast and Mid-Atlantic Regions of the United States, 1993-98 |

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| PL-910 | 00/00/2001 | FOG MDL 1358 009219 | FOG MDL 1358 009239 | A Field Application of Hydrogen-Releasing Compound (HRCTM) for the Enhanced Bioremediation of Methyl Tertiary Butyl Ether (MTBE) |
| PL-911 | 00/00/0000 | FOG MDL 1358 011399 | FOG MDL 1358 011403 | NATURAL BIODEGRADATION OF MTBE AT A SITE ON LONG ISLAND, NY in Natural Attenuation of MTBE |
| PL-912 | 00/00/2001 | FOG MDL 1358 011404 | FOG MDL 1358 011441 | Role of Molecular Diffusion in Contaminant Migration and Recovery in an Alluvial Aquifer System |
| PL-913 | 00/00/2001 | FOG MDL 1358 011412 | FOG MDL 1358 011422 | MTBE in California Drinking Water: An Analysis of Patterns and Trends |
| PL-914 | 00/00/2001 | FOG MDL 1358 011440 | FOG MDL 1358 011474 | Low-Level Volatile Organic Compounds in Active Public Supply Wells as Ground-Water Tracers in the Los Angeles Physiographic Basin, California, 2000 |
| PL-915 | 00/00/2001 | FOG MDL 1358 011593 | FOG MDL 1358 011612 | Experimental investigation on the carbon isotope fractionation of methane during gas migration by diffusion through sedimentary rocks at elevated temperature and pressure |
| PL-916 | 00/00/2001 | FOG MDL 1358 012255 | FOG MDL 1358 012256 | MTBE and other volatile organic compounds—New findings and implications on the quality of source waters used for drinking-water supply |
| PL-917 | 00/00/2001 | FOG MDL 1358 019506 | FOG MDL 1358 019511 | Monitoring Biodegradation of Methyl tert-Butyl Ether (MTBE) Using Compound-Specific Carbon Isotope Analysis |
| PL-918 | 00/00/2001 | NYC-FOGG-000666 | NYC-FOGG-000669 | Effects of Gasoline Formulation on Methyl tert-Butyl Ethern (MTBE) Contamination in Private Wells near Gasoline Stations |

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| PL-919 | 00/00/2002 | FOG MDL 1358 005326 | FOG MDL 1358 005377 | Chapter 3: Methyl tert-Butyl Ether at California Leaking Underground Fuel-Tank Sites: Observations and Implications, in Oxygenates in Gasoline: Environmental Aspects |
| PL-920 | 00/00/2002 | FOG MDL 1358 005546 | FOG MDL 1358 005551 | Simultaneous Determination of Fuel Oxygenates and BTEX Using Direct Aqueous Injection Gas Chromatography Mass Spectrometry (DAI-GC/MS) |
| PL-921 | 00/00/2002 | FOG MDL 1358 005765 | FOG MDL 1358 005774 | Vapor Phase Transport and Biodegradation of Volatile Fuel Compunds in the Unsaturated Zone: A Large Scale Lysimeter Experiment |
| PL-922 | 00/00/2002 | FOG MDL 1358 006081 | FOG MDL 1358 006089 | Comparison of Liquid Gas-Phase Photooxidation of MTBE: Synthetic and Field Samples |
| PL-923 | 00/00/2002 | FOG MDL 1358 006227 | FOG MDL 1358 006236 | In Situ MTBE Biodegradation Supported by Diffusive Oxygen Release |
| PL-924 | 00/00/2002 | FOG MDL 1358 006467 | FOG MDL 1358 006475 | Effects of Ethanol versus MTBE on Benzene, Toluene, Ethylbenzene, and Xylene Natural Attenuation in Aquifer Columns |
| PL-925 | 00/00/2002 | FOG MDL 1358 006525 | FOG MDL 1358 006533 | Use of Compound-Specific Stable Carbon Isotope Analyses To Demonstrate Anaerobic Biodegradation of MTBE in Groundwater at a Gasoline Release Site |
| PL-926 | 00/00/2002 | FOG MDL 1358 008418 | FOG MDL 1358 008421 | Chromium Isotopes and the Fate of Hexavalent Chromium in the Environment |
| PL-927 | 00/00/2002 | FOG MDL 1358 008654 | FOG MDL 1358 008945 | European Union Risk Assessment Report: tert-butyl methyl ether |
| PL-928 | 00/00/2002 | FOG MDL 1358 011423 | FOG MDL 1358 011430 | Comparative Risk Analysis of Six Volatile Organic Compounds in California Drinking Water |

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| PL-929 | 00/00/2002 | FOG MDL 1358 011630 | FOG MDL 1358 011690 | Occurrence and Status of Volatile Organic Compounds in Ground Water from Rural, Untreated, Self-Supplied Domestic Wells in the United States, 1986-99 |
| PL-930 | 00/00/2002 | NYC-FOGG-000251 | NYC-FOGG-000337 | History and Hydrologic Effects of Ground-Water Use in Kings, Queens, and Western Nassau Counties, Long Island, New York, 1800's through 1997 |
| PL-931 | 00/00/2003 | FOG MDL 1358 000279 | FOG MDL 1358 000347 | Email attaching:'Long Island Source Water Assessment Summary Report in cooperation with Nassau County Dept. of Health; Nassau County Dept. of Public Works; and Suffolk County Dept. of Health Services' |
| PL-932 | 00/00/2003 | FOG MDL 1358 006309 | FOG MDL 1358 006314 | A Comparison of Benzene and Toluene Plume Lengths for Sites Contaminated with Regular vs. Ethanol-Amended Gasoline |
| PL-933 | 00/00/2003 | FOG MDL 1358 006437 | FOG MDL 1358 006450 | Effect of Hydrologic and Geochemical Conditions on Oxygen-Enhanced Bioremediation in a Gasoline-Contaminated Aquifer |
| PL-934 | 00/00/2003 | FOG MDL 1358 008394 | FOG MDL 1358 008400 | Small-Volume Releases of Gasoline in the Vadose Zone: Impact of the Additives MTBE and Ethanol on Groundwater Quality |
| PL-935 | 00/00/2003 | FOG MDL 1358 009118 | FOG MDL 1358 009211 | A National Survey of Methyl tert-Butyl Ether and Other Volatile Organic Compounds in Drinking-Water Sources: Results of the Random Survey |
| PL-936 | 00/00/2003 | FOG MDL 1358 011179 | FOG MDL 1358 011185 | Groundwater Sampling and Monitoring |
| PL-937 | 00/00/2003 | FOG MDL 1358 011218 | FOG MDL 1358 011227 | DRAFT California's Groundwater Update 2003 Bulletin 118 |
| PL-938 | 00/00/2003 | FOG MDL 1358 012148 | FOG MDL 1358 012167 | Laboratory evidence of MTBE biodegradation in Borden aquifer material |

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| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
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| PL-939 | 00/00/2003 | FOG MDL 1358 012196 | FOG MDL 1358 012203 | Supporting Information for ES0304650, Evaluation of the Impact of Fuel Hydrocarbons and Oxygenates on Groundwater Resources |
| PL-940 | 00/00/2003 | NYC-FOGG-000353 | NYC-FOGG-000373 | Rate of Natural Attenuation of Tert-Butyl Alcohol at Chemical Plant |
| PL-941 | 00/00/2003 | NYC-FOGG-000423 | NYC-FOGG-000457 | Review of MTBE Biodegradation and Bioremediation |
| PL-942 | 00/00/2003 | NYC-FOGG-000516 | NYC-FOGG-000523 | Full-Scale Demonstration of Natural Attenuation of MTBE |
| PL-943 | 00/00/2004 | FOG MDL 1358 012168 | FOG MDL 1358 012195 | Molecular transport of methane, ethane and nitrogen and the influence of diffusion on the chemical and isotopic composition of natural gas accumulations |
| PL-944 | 00/00/2004 | NYC-FOGG-000916 | NYC-FOGG-001220 | Water Resources Data. New York. Water Year 2003. Volume 2. Long Island. |
| PL-945 | 00/00/2005 | FOG MDL 1358 006462 | FOG MDL 1358 006463 | MTBE Remediation Using Self-Seeded Granular Activated Carbon |
| PL-946 | 00/00/2005 | FOG MDL 1358 006486 | FOG MDL 1358 006493 | Enrichment of Stable Carbon and Hydrogen Isotopes during Anaerobic Biodegradation of MIBE:Microcosm and Field Evidence |
| PL-947 | 00/00/2005 | FOG MDL 1358 006501 | FOG MDL 1358 006513 | Anaerobic Biodegradation of MTBE at a Gasoline Spill Site |
| PL-948 | 00/00/2005 | FOG MDL 1358 009240 | FOG MDL 1358 011040 | JANUARY 2005 SUMMARY REPORT BAYS AUTO REPAIR, INC. 192 WEST MONTAUK HIGHWAY HAMPTON BAYS, NY NYSDEC SPILL # 01- 25324 |
| PL-949 | 00/00/2005 | FOG MDL 1358 011431 | FOG MDL 1358 011439 | Stable Isotope Analysis of MTBE to Evaluate the Source of TBA in Ground Water |
| PL-950 | 00/00/2005 | FOG MDL 1358 012028 | FOG MDL 1358 012038 | FATE OF GASOLINE OXYGENATES IN CONVENTIONAL AND MULTILEVEL WELLS OF A CONTAMINATED GROUNDWATER TABLE IN DUSSELDORF, GERMANY |

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|----------------------------------|------------|---------------------|---------------------|--|
| PL-951 | 00/00/2005 | FOG MDL 1358 012204 | FOG MDL 1358 012210 | Carbon Isotopic Fractionation during Anaerobic Biotransformation of Methyl tert-Butyl Ether and tert-Amyl Methyl Ether |
| PL-952 | 00/00/2005 | NYC-FOGG-000465 | NYC-FOGG-000470 | Biotic and Abiotic Transformations of Methyl tertiary Butyl Ether (MTBE) |
| PL-953 | 00/00/2006 | FOG MDL 1358 005777 | FOG MDL 1358 005784 | Effect of H ₂ and redox Condition on Biotic and Abiotic MTBE Transformation |
| PL-954 | 00/00/2006 | FOG MDL 1358 005810 | FOG MDL 1358 005820 | Diffusive fractionation of ³ H and ³ He in groundwater and its impact on groundwater age estimates |
| PL-955 | 00/00/2006 | FOG MDL 1358 006369 | FOG MDL 1358 006385 | Determination of naturally occurring MTBE biodegradation by analysing metabolites and biodegradation by-products |
| PL-956 | 00/00/2006 | FOG MDL 1358 006464 | FOG MDL 1358 006466 | MTBE Remediation and Treated Ground Water Re-Injection in Los Angeles County |
| PL-957 | 00/00/2006 | FOG MDL 1358 007280 | FOG MDL 1358 007284 | Low-Temperature MTBE Biodegradation in Aquifer Sediments with a History of Low, Seasonal Ground Water Temperatures |
| PL-958 | 00/00/2006 | FOG MDL 1358 011453 | FOG MDL 1358 011460 | Impact of Ethanol on the Natural Attenuation of Benzene, Toluene, and o-Xylene in a Normally Sulfate-Reducing Aquifer |
| PL-959 | 00/00/2006 | FOG MDL 1358 011581 | FOG MDL 1358 011592 | Transport and degradation of ethanol in groundwater in J. Contam. Hydrol., 82., 183-194 |
| PL-960 | 00/00/2006 | FOG MDL 1358 012007 | FOG MDL 1358 012019 | Kinetic isotopic fractionation during diffusion of ionic species in water |
| PL-961 | 00/00/2007 | FOG MDL 1358 005803 | FOG MDL 1358 005809 | Impact of Ethanol on the Natural Attenuation of MTBE in a Normally Sulfate-reducing Aquifer |
| PL-962 | 00/00/2007 | FOG MDL 1358 005865 | FOG MDL 1358 005866 | Stable isotope fractionation resulting from biotic and abiotic MTBE attenuation processes |

| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
|----------------------------------|------------|---------------------|---------------------|---|
| PL-963 | 00/00/2007 | FOG MDL 1358 011570 | FOG MDL 1358 011580 | Biodegradation of methyl tert-butyl ether by cold-adapted mixed and pure bacterial cultures |
| PL-964 | 00/00/2007 | FOG MDL 1358 019707 | FOG MDL 1358 019722 | Space-fractional advection-dispersion equations with variable parameters: Diverse formulas, numerical solutions, and application to the Macrodispersion Experiment site data |
| PL-965 | 00/00/2007 | FOG MDL 1358 027403 | FOG MDL 1358 027425 | Role of Volatilization in Changing TBA and MTBE Concentrations at MTBE-Contaminated Sites |
| PL-966 | 00/00/2007 | NYC-FOGG-000691 | NYC-FOGG-000701 | Evaluation of TCE and MTBE in situ Biodegradation: Integrating Stable Isotope, Metabolic Intermediate, and Microbial Lines of Evidence |
| PL-967 | 00/00/2007 | NYC-FOGG-001366 | NYC-FOGG-001385 | Anaerobic Biodegradation of Methyl tert-butyl Ether (MTBE) and Related Fuel Oxygenates, Chapter 2 in Advances in Applied Microbiology |
| PL-968 | 00/00/2008 | NYC-FOGG-000209 | NYC-FOGG-000224 | Bio-Traps Coupled with Molecular Biological Methods and Stable Isotope Probing Demonstrate the In Situ Biodegradation Potential of MTBE and TBA in Gasoline-Contaminated Aquifers |
| PL-969 | 00/00/2008 | NYC-FOGG-000487 | NYC-FOGG-000515 | Microbial biodiversity in groundwater ecosystems |
| PL-970 | 00/00/2008 | NYC-FOGG-000574 | NYC-FOGG-000580 | Anaerobic Biodegradation of Ethylene Dibromide and 1,2-Dichloroethane in the Presence of Fuel Hydrocarbons |
| PL-971 | 00/00/2008 | NYC-FOGG-001295 | NYC-FOGG-001300 | Long terms studies on the anaerobic biodegradability of MtBE and other gasoline ethers. Journal of Hazardous Materials. (2008) |

PLAINTIFF CITY OF NEW YORK'S AMENDED PHASE TWO TRIAL EXHIBIT LIST

| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
|----------------------------------|------------|---------------------|---------------------|--|
| PL-972 | 00/00/2008 | NYC-FOGG-001301 | NYC-FOGG-001313 | Model description and kinetic parameter analysis of MtBE biodegradation in a packed bed reactor. Science Direct. |
| PL-977 | 01/00/1998 | NYC-FOGG-001246 | NYC-FOGG-001250 | MtBE Fact Sheet #2. Remediation of MtBE Contaminated Soil and Groundwater. |
| PL-981 | 11/00/2003 | NYC-FOGG-000702 | NYC-FOGG-000711 | TBA Production by Acid Hydrolysis of MtBE During Heated Headspace Analysis and Evaluation of a Base as a Perservative. Ground Water Monitoring & Remediation 24, No. 4/Fall 2004, pp. 57-66. |
| PL-982 | 11/00/2008 | NYC-FOGG-001386 | NYC-FOGG-001393 | Involvement of a Novel Enzyme, MdpA, in Methyl tert-Butyl Ether Degradation in Methylibium petroleiphilum PM1 |
| PL-984 | 12/00/2003 | FOG MDL 1358 000075 | FOG MDL 1358 000148 | Analysis of the California UST & LUST Programs and the Impacts of MTBE and Ethanol to California Groundwater Resources |
| PL-987 | 02/00/2008 | NYC-FOGG-000801 | NYC-FOGG-000854 | USEPA MTBE Pilot Project-Objective 2 Investigate Potential Sources of MtBE Contamination on Long Island That Could Impact Water Supplies or Environmentally Sensitive Areas |
| PL-988 | 03/00/2001 | N/A | N/A | Plugging the Holes in Our UST Systems,LUSTline Bulletin #37, pp. 7-9 by Marcel Moreau |
| PL-990 | 04/00/2001 | FOG MDL 1358 002181 | FOG MDL 1358 002285 | Title: California's Contaminated Groundwater - Is the State Minding the Store? |
| PL-998 | 08/00/2000 | NYC-FOGG-000739 | NYC-FOGG-000800 | Survey of State Experiences with MtBE Contamination at LUST Sites. A Project of the NEIWPCC |
| PL-999 | 10/16/1983 | M0059863 | M0059870 | Interoffice Correspondence to P.E. Engel from A. A. Sabatinelli re 1983 tank replacement programs |

PLAINTIFF CITY OF NEW YORK'S AMENDED PHASE TWO TRIAL EXHIBIT LIST

| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
|----------------------------------|------------|--------------------|---------------|---|
| PL-1000 | 5/8/1985 | M0059834 | M0059840 | Interoffice Correspondence to J.E. McKeever from F.M. Nevins re UST incident log |
| PL-1001 | 3/19/1985 | M0059871 | M0059849 | Interoffice correspondence to Edwards, Gates, Maynard from Hagan re Mobil Dealer Leak Detection Clinic |
| PL-1002 | 00/00/0000 | M0059766 | M0059768 | Service Station Tank Testing Program |
| PL-1006 | 12/16/1983 | M0059863 | M0059870 | Interoffice Correspondence to P.E. Engel from A. A. Sabatinelli re 1983 tank replacement programs |
| PL-1007 | 5/8/1985 | M0059834 | M0059840 | Interoffice Correspondence to J.E. McKeever from F.M. Nevins re UST incident log |
| PL-1008 | 3/19/1985 | M0059871 | M0059849 | Interoffice correspondence to Edwards, Gates, Maynard from Hagan re Mobil Dealer Leak Detection Clinic |
| PL-1009 | 00/00/0000 | M0059766 | M0059768 | Service Station Tank Testing Program |
| PL-1011 | | EM0002187 | EM0002305 | Achieving Clean Air and Clean Water: The Report of the Blue Ribbon Panel on Oxygenates in Gasoline |
| PL-1012 | 4/26/1995 | M0009644 | M0009649 | Email chain from Kurt W. Fischer Subject: Rocky Mt News/MTBE |
| PL-1013 | | M0059766 | M0059768 | Service Station Tank Testing Program |
| PL-1014 | 1/13/1983 | M0059841 | M0059844 | attaching final progress report for the 1982 Tank Testing Program |
| PL-1018 | 3/24/1983 | M0059762 | M0059765 | Interoffice Correspondence from A.A. Sabatinelli to J.V. Naughton Re: 9.55.8 1982 Reconciliation Underground Service Station Product Tank Replacement Program |
| PL-1019 | 7/25/1984 | M0059752 | M0059761 | Interoffice Correspondence from H.M. Gibb attaching update and funding projection for 1985-89 Undergrount Product Tank Replacement Program |

| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
|----------------------------------|-----------|--------------------------|---------------|---|
| PL-1020 | 8/20/1986 | M0059850 | M0059862 | Document: Environmental Affairs Overview Groundwater Protection August 20, 1986 |
| PL-1026 | 03/00/199 | M0059769 | M0059780 | Powerpoint Presentation: MTBE Strategies for MTBE Remediation Liabilities |
| PL-1031 | | NYC-0004843 | NYC-0004843 | Correspondence from Kunsch, Edward to Principe, Mike re: MTBE Status at Station 10 |
| PL-1032 | | NYC-0012054 | N/A | 1998/99 Memo of Well 10 |
| PL-1033 | | NYC-0012056 | N/A | 1998/99 Memo on MTBE contamination in well 10 |
| PL-1034 | | NYC-0012057; NYC-0000229 | N/A | 2001 Memo on returning well 10 to service |
| PL-1035 | | NYC-0012058 | N/A | 1998 memo on MTBE sampling done by NYCDOH |
| PL-1036 | | NYC-0012118 | NYC-0012118 | Correspondence from Kunsch, Edward to Principe, Mike re: Update on MTBE Contamination at Station 10 |
| PL-1037 | | NYC-0012392 | NYC-0012394 | Correspondence from Yulinsky, Willaim to Greeley, Douglas re: MTBE Meeting with NYSDEC re Well 10 Meeting Summary |
| PL-1038 | | NYC-0015383 | N/A | 1998 Memo re MTBE status at Well 10 |
| PL-1039 | | NYC-0015388 | NYC-0015389 | Email and memo re MTBE contamination in well 10 |
| PL-1040 | | NYC-0012079 | N/A | 2001 Memo on Removing Station 53 From Service |
| PL-1041 | | NYC-0012082 | NYC-0012082 | Correspondence from Kunsch, Edward to Principe, Mike re: Station 53 MTBE Plant Effluent Level Increasing |
| PL-1042 | | NYC-0012083 | NYC-0012083 | Correspondence from Kunsch, Edward to Dydland, John re: Change in Well 53 Operation |
| | | | | |

| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
|----------------------------------|---------|--------------------|---------------|---|
| PL-1043 | | NYC-0012122 | NYC-0012122 | Correspondence from Kunsch, Edward to Dydland, John re: Station 38 MTBE |
| PL-1044 | | NYC-0012123 | NYC-0012123 | Correspondence from Kunsch, Edward to Dydland, John re: Station 38 Sampling |
| | | | | |
| PL-1045 | | NYC-0012668 | N/A | ISRP for DEP Jamaica Water Supply Station 24 |
| PL-1046 | | NYC-0015380 | NYC-0015382 | MTBE-An overview |
| PL-1047 | | NYC-0016842 | NYC-0016849 | Correspondence from Hurley, Ian to Ashendorff, Arthur re: Memo to Michael Principe on MTBE |
| PL-1048 | | NYC-0017026 | N/A | DEP monthly report 9/99- airstripping wells W48, W48A, W48E |
| PL-1049 | | NYC-0017034 | N/A | DEP Airstripping Well Samples 9/99 |
| PL-1050 | | NYC-0017043 | N/A | DEP airstripping well report 9/99 |
| PL-1051 | | NYC-00063654 | NYC-00063672 | MTBE data from sites in Queens 1997-2005 |
| PL-1054 | | NYC2_0019033 | NYC2_0019145 | Memo from Principe, Michael to Stasiuk, William re: MTBE Detection in Water Samples |
| PL-1055 | | NYC2_0018045 | NYC2_0018047 | Email from Yulinsky, William to Sanchirico, Joseph re Well 55 |
| PL-1056 | | MP00036664 | MP00036665 | D. Greeley to D. Cohen letter re addressing MTBE contamination during emergency drought reactivation |
| PL-1057 | | MP00036678 | MP00036686 | T. Lane to D. Greeley et al memo re reactivation action plan |
| | | | | |
| PL-1058 | | NYC-0025961 | NYC-0025962 | Correspondence from Cohen, Donald to Yulinsky, Bill re: Agenda for 12/22 DEC Meeting re MTBE at Station 6 |
| PL-1059 | | MP00004886 | N/A | CAC minutes May 2003--includes discussion of potential MTBE sources at Sta. 6 |

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| PL-1060 | | NYC-0031292 | NYC-0031383 | Correspondence from Scibelli, Gina to Yulinsky, Bill re: Soil Results from Station 24 |
| PL-1061 | | NYC-0067349 | NYC-0067352 | Meeting Agenda, Project Background on Station 6 MTBE Occurrence |
| PL-1062 | | NYC2_0018956 | NYC2_0018956 | Email from Principe, Michael to Stasiuk, William re: Station 10 MTBE |
| PL-1169 | | NYC-0012407 | NYC-00124015 | Final Report, Survey of Active New York State Gasoline Remediation Sites with Potential MTBE Contamination, New York State Department of Environmental Conservation, Division of Environmental Remediation, Bureau of Spill Prevention and Response, with tables |
| PL-1187 | | MP00019171 | MP00019173 | epa faq from website on mtbe |
| | | | | |
| PL-1188 | | | | Bear, J. and Verruijt, A., (1987), Modeling Groundwater Flow and Pollution. D. Reidel Publishing Company, Dordrecht, Holland. |
| PL-1189 | | | | Buxton, H.T., & Shernoff, P.K., (1995), Groundwater resources of Kings and Queens Counties, Long Island, New York (U.S. Geological Survey Open-File Report 92-76). Albany, New York. |
| PL-1190 | | | | Cohen, D.K. & Bell, M.A., (2009), MTBE Expert Report of Donald K. Cohen, CPG and Marnie A. Bell, P.E., in the case City of New York v. Amerada Hess Corp., et al., 04 Civ. 3417, February 7, 2009. |

PLAINTIFF CITY OF NEW YORK'S AMENDED PHASE TWO TRIAL EXHIBIT LIST

| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
|----------------------------------|---------|--------------------|---------------|---|
| PL-1191 | | | | Connor, J.A., (2009), Expert Opinion of John A. Connor, P.E., P.G., B.C.E.E., Concerning MTBE in Groundwater in Queens County, New York, in the case City of New York vs. Amerada Hess et al. U.S. District Court, Southern District of New York, Case No. 04-Civ-3417. March 9, 2009. Prepared by GSI Environmental Inc. Houston, Texas. |
| PL-1193 | | | | Environmental Management/Accredited laboratories, Inc., (EMI), (2005), Limited Subsurface Investigation for Citgo Service Station 105-15 Merrick Boulevard, Jamaica, New York. Prepared for Bhela, Inc., Jamaica, New York. January 20, 2005. |
| PL-1194 | | | | Fetter, C.W., (1994), Applied Hydrogeology, Third Edition. Prentice Hall, Upper Saddle River, New Jersey 07458. |
| PL-1195 | | | | Grubb, 1993 |
| PL-1198 | | | | Javandel and Tsang, 1986; |
| PL-1201 | | | | MIG Environmental, (2006), Site Investigation Report for Citgo Service Station, 105-15 Merrick Boulevard, Jamaica, New York. |
| PL-1202 | | | | Misut, P.E. and Monti Jr. J., (1999), Simulation of Ground-Water Flow and Pumpage in Kings and Queens Counties, Long Island, New York. US Geological Survey Water- Resources Investigations Report 98-4071. Coram, NewYork. |

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| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
|----------------------------------|---------|--------------------|---------------|---|
| PL-1203 | | | | Misut, P.E., Monti Jr., J., and Voss C.I., (2002), A Three-Dimensional Finite Element Model of Seawater Intrusion in Western Long Island, New York. Abstract for the 15th ASCE Engineering Mechanics Conference, June 2-5, 2002, Columbia University, New York, New York. |
| PL-1204 | | | | Moench, A.F., (1994), Specific Yield as Determined by Type-Curve Analysis of Aquifer-Test Data. Groundwater Vol. 32, No. 6. |
| PL-1206 | | | | NYSDEC, (2008), Letter from NYSDEC to Mr. Singh of Bhela, Inc. regarding the Revised Remedial Investigation Report and Supplemental Groundwater Investigation Report for Spill No. 96-05038; Citgo Service Station, 105-15 Merrick Boulevard, Jamaica, New York. January 24, 2008. |
| PL-1207 | | | | Russell, K.T., (2009), Evaluation of Getty Petroleum Marketing, Inc. as a Potential Source of MTBE to New York City Groundwater Focus Wells, in support of: ("MTBE") Products Liability Litigation, City of New York v. Amerada Hess Corp., et al., 04-CIV-3417. Prepared by Anchor QEA, LLC, Liverpool, New York. March 9, 2009. |
| PL-1208 | | | | Schaefer, J.A., (2009), Expert Report of James A. Schaefer, Jr., regarding Methyl Tertiary Butyl Ether (MTBE) Product Liability Litigation, 04-Civ-3417, MDL No. 1358. March 9, 2009. |
| PL-1210 | | | | Expert Report Terry (2009) |

| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
|----------------------------------|---------|--------------------|---------------|---|
| PL-1211 | | | | The Tyree Organization, (Tyree), (1997), Quarterly Monitoring Report (Q2) for Case # 96-10039, Getty S/S #58012. Prepared by The Tyree Organization, Ltd. September 18, 1997. |
| PL-1212 | | | | Toxics Targeting, (2008), Toxics Targeting Environmental Report, Section 122. Queens , NY. March 30, 2008. |
| PL-1214 | | | | URS, (2007), Field Investigation Report: Groundwater and Residential Air Sampling - December 2006 through April 2007 Soil Vapor Intrusion Investigation. Regarding the West Side Corporation. June 2007. |
| PL-1215 | | | | URS Corporation, (2008), Monthly Status Report - New York City Transit Remediation Sites and Monthly Monitoring Sites - Period Covering October 2008. December 2008. |
| PL-1216 | | | | URS Greiner, (2000), Product Plume Delineation and Dissolved-Phase Groundwater Investigation Report for New York City Transit, Jamaica Depot, Queens, New York. Prepared by URS Greiner, Inc., New York, New York. May 2000. |
| PL-1217 | | | | USEPA-NYSDEC, (2008), USEPA MTBE Pilot Project - Objective 2 Investigate Potential Sources of MTBE Contamination on Long Island that Could Impact Water Supplies or Environmentally Sensitive Areas. Prepared by NYS Department of Environmental Conservation. February 2008. |

PLAINTIFF CITY OF NEW YORK'S AMENDED PHASE TWO TRIAL EXHIBIT LIST

| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
|----------------------------------|---------|--------------------|---------------|--|
| PL-1219 | | | | Acero, 1., Haderlein, S., Schmidt, T., Suter, M., & Von Gunten, U. (2001). MTBE oxidation by conventional ozonation and the combination ozone/hydrogen peroxide: efficiency of the processes and bromate formation. Environmental Science and Technology, 35(21), 4252-4259. |
| PL-1220 | | | | AKRF, Inc. (1998, April). Environmental site assessment report, Site: Section 26. New York. |
| PL-1221 | | | | Alley, W.M., Reilly, T.E., & Franke, O.L. (1999). Sustainability of ground-water resources (USGS Circular 1186). |
| PL-1222 | | | | Amerada Hess Corporation. (1997, June 3). Agreement by GES and Merit Oil of NY. (Contract 3503). HESS 335329 |
| PL-1223 | | | | Amerada Hess Corporation. (2002, December 11). Letter to New York State Department of Environmental Conservation. Site Remediation document for 219-28 Hillside Ave: 98802. |
| PL-1224 | | | | Aquaveo, LLC. (2007). Groundwater modeling system (Version 6.5) [Computer software]. Provo, Utah. (IBM-PC). |
| PL-1225 | | | | AWWARF. (2007). Alternative Adsorbents for the Removal of Polar Organic Contaminants. Denver, CO, 2007. |
| PL-1226 | | | | Busciolano, R., & Monti, 1. Jr. USGS. (2006). Water Table on Long Island, New York, March-April, 2006. Provisional USGS Map: Sheet 1 - Location of Water-Table Wells and Water-Table Contour Altitude. Referenced on Section 7.2.3.2 Discussion and Opinion) |

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| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
|----------------------------------|---------|--------------------|---------------|--|
| PL-1227 | | | | Buxton, H.T., & Shernoff, P.K., (1995). Ground-water resources of Kings and Queens Counties, Long Island, New York (U.S. Geological Survey Open-File Report 92-76). Albany, NY. |
| PL-1228 | | | | Buxton, H.T., & Shernoff, P.K. (1999a). Ground-water resources of Kings and Queens Counties, Long Island, New York (U.S. Geological Survey - Water Supply Paper 2498). |
| PL-1229 | | | | Buxton, H.T., & Smolensky, A. (1999b). Simulation of the effects of development of the ground-water flow system of Long Island, New York (U.S. Geological Survey Water Resources Investigation Report 98-4069). Coram, NY: |
| PL-1230 | | | | California MTBE Research Partnership, CRMP. (2000). Treatment technologies for removal of methyl tertiary butyl ether (MTBE) from drinking water: Air stripping, advanced oxidation processes, granular activated carbon, and synthetic resin sorbents. (2nd ed.). Fountain Valley, CA: National Water Research Institute. |
| PL-1231 | | | | CDM, & Hazen and Sawyer. (2006a). NYCDEP Long Island groundwater model draft Technical Memorandum 1: Model approach and development. Water supply dependability study. New York. |
| PL-1232 | | | | CDM, & Hazen and Sawyer. (2006b, December). NYC Water Supply Dependability Strategy Queens Groundwater (Facility Planning Memorandum: GW-BQ-Ola55MGD). |

| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
|----------------------------------|---------|--------------------|---------------|---|
| PL-1233 | | | | Chang, P., & Young, T. (2000). Kinetics of methyl tert-butyl ether degradation and byproduct formation during UV/hydrogen peroxide water treatment. Water Research, 34(8), 2233-2240. |
| PL-1234 | | | | Citizen's Advisory Committee. (2008, December 11). Compilation of notes, meeting minutes, and correspondence. (location- p.7-26) |
| PL-1235 | | | | Columbia Analytical Services. (2000 May 12) Analytical Test Report for Malcolm Pirnie Engineers (Report No. R2001609). |
| PL-1236 | | | | Columbia Analytical Services. (2002 February 27) Analytical Test Report for Malcolm Pirnie Engineers (Report No. R2210714). |
| PL-1237 | | | | Columbia Analytical Services. (2002 October 8) Analytical Test Report for Malcolm Pirnie Engineers (Report No. R2213668). |
| PL-1238 | | | | Columbia Analytical Services (2002, March 21). Analytical Test Report for Tucker, Young, Jackson, Tull Inc. (Lab Submission # R2210948). |
| PL-1239 | | | | Columbia Analytical Services (2002 April 10). Analytical Test Report for Tucker, Young, Jackson, Tull, Inc. (Lab Submission # R2211283). |
| PL-1240 | | | | Columbia Analytical Services (2002, April 24). Analytical Test Report for Tucker, Young, Jackson, Tull, Inc. (Lab Submission # R2211395). |

| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
|----------------------------------|---------|--------------------|---------------|---|
| PL-1241 | | | | Columbia Analytical Services (2002, April 24). Analytical Test Report for Tucker, Young, Jackson, Tull, Inc. (Lab Submission # R2211487). |
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| PL-1246 | | | | Columbia Analytical Services (2002, June 19). Analytical Test Report for Tucker, Young, Jackson, Tull, Inc. (Lab Submission # R2212211). |
| PL-1247 | | | | Columbia Analytical Services (2002, June 28). Analytical Test Report for Tucker, Young, Jackson, Tull, Inc. (Lab Submission # R2212312). |
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| PL-1249 | | | | Columbia Analytical Services (2002, July 10). Analytical Test Report for Tucker, Young, Jackson, Tull, Inc. (Lab Submission # R2212528). |
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| PL-1254 | | | | Columbia Analytical Services (2002, August 16). Analytical Test Report for Tucker, Young, Jackson, Tull, Inc. (Lab Submission # R2212848). |
| PL-1255 | | | | Columbia Analytical Services (2002, September 4). Analytical Test Report for Tucker, Young, Jackson, Tull, Inc. (Lab Submission # R2212849). |
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| PL-1257 | | | | Columbia Analytical Services (2002, October 11). Analytical Test Report for Tucker, Young, Jackson, Tull Inc. (Lab Submission # R2213975). |
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| PL-1262 | 9/14/1999 | | | Crompco Corporation. (1999, September 14). Secondary containment test conclusion form. Blue Bell, PA. Site Remediation document for 219-28 Hillside Ave HESS 331764. |
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| PL-1265 | | | | Crompco Corporation. (2006). Certificate of underground storage tank system testing. Plymouth Meeting, PA. Site Remediation document for 205-33 Hollis Ave. |
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| PL-1270 | | | | Delta Environmental Consultants, Inc. (Delta). (1999, June). Subsurface hydrocarbon assessment report. Armonk, NY. (location- p.7-98) |
| PL-1271 | | | | Delta Environmental Consultants, Inc. (Delta). (2000a, March). Subsurface hydrocarbon assessment report, Amoco Service Station Number 11009, 165-25 Liberty Avenue, St. Albans, New York. |
| PL-1272 | | | | Delta Environmental Consultants, Inc. (Delta). (2000b, March 21). Correspondence to NYSDEC, Mr. Mark Tibbe regarding Revised Letter Report, Amoco Service Station No. 11009. BPCNY0040668 |

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| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
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| PL-1273 | 3/21/2000 | | | Delta Environmental Consultants, Inc. (Delta). (2000c, March 21). Correspondence to NYSDEC, Mr. Mark Tibbe regarding Revised Letter Report, Amoco Service Station No. 11009. BPCNY0040671 pgA |
| PL-1274 | 3/23/2000 | | | Delta Environmental Consultants, Inc. (Delta). (2000d, March 23). Subsurface Hydrocarbon Assessment Report (Amoco Service Station No. 11009). Armonk, NY. BPCNY0038872 pg.5 |
| PL-1275 | 3/23/2000 | | | Delta Environmental Consultants, Inc. (Delta). (2000e, March 23). Subsurface Hydrocarbon Assessment Report (Amoco Service Station No. 11009). Armonk, NY. BPCNY0038876 pg.9 |
| PL-1276 | 3/23/2000 | | | Delta Environmental Consultants, Inc. (Delta). (2000f, March 23). Subsurface Hydrocarbon Assessment Report (Amoco Service Station No. 11009). Armonk, NY. BPCNY0038882 pg.15 |
| PL-1277 | | | | Delta Environmental Consultants, Inc. (Delta). (2000g, September). Subsurface hydrocarbon assessment report. Armonk, NY. (location- p.7-98) |
| PL-1278 | | | | Delta Environmental Consultants, Inc. (Delta). (2000h, September 28). Email regarding SS #560 abandonment. (location- p.7-98) |
| PL-1279 | | | | Delta Environmental Consultants, Inc. (Delta). (2001a). Quarterly monitoring reports, 2001-2008. Armonk, NY. (location- p.7-98) |

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|----------------------------------|---------|--------------------|---------------|---|
| PL-1280 | | | | Delta Environmental Consultants, Inc. (Delta). (2001b, March). Remedial action plan, Amoco BP Service Station Number 11009, 165-25 Liberty Avenue, St. Albans, New York. |
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| PL-1283 | | | | Delta Environmental Consultants, Inc. (Delta). (2001e, March 29). Quarterly Monitoring Report First Quarter 2001 (Amoco Service Station No. 11009). Armonk, NY. BPCNY0039356 pg.6 |
| PL-1284 | | | | Delta Environmental Consultants, Inc. (Delta). (2001f, March 29). Quarterly Monitoring Report First Quarter 2001 (Amoco Service Station No. 11009). Armonk, NY. BPCNY0039358 pg.8 |
| PL-1285 | | | | Delta Environmental Consultants. (Delta). (2001g, May 29). Correspondence to Steve Miller, NYSDEC, cessation of remedial activities. (location- p.7-98) |
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| PL-1287 | | | | Delta Environmental Consultants, Inc. (Delta). (2003b, November 14). Site plan: BP Service Station No. 10847. Site Remediation document BPII000359910 (We1145). |
| PL-1288 | | | | Delta Environmental Consultants, Inc. (Delta). (2003c, November 17). Dispenser Upgrade Report - Spill Closure Report (NYSDEC Spill No. 03-08732). Armonk, NY. BPII0003599042 |
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| PL-1294 | 12/12/2007 | | | Delta Environmental Consultants, Inc. (Delta). (2007a). Supplemental Subsurface Hydrocarbon Assessment Report (NYSDEC Spill Number 05-12745). Armonk, NY. BPCITYNY0002712 pg.1 |
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| PL-1299 | | | | Delta Environmental Consultants, Inc. (Delta). (2008b, August). Ground water monitoring report - Second quarter 2008, Former Amoco BP Service Station Number 11009, 165-25 Liberty Avenue St. Albans, New York. |

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| PL-1300 | | | | Delta Environmental Consultants, Inc. (Delta). (2008c, February 4). Ground water monitoring report - First quarter 2008, Former Amoco BP Service Station Number 00560, 137-10 94th Ave, Jamaica, Queens County, New York. |
| PL-1301 | | | | Deposition of Dr. Ian Hurley, dated October 30 and 31, 2008. |
| PL-1302 | | | | Driscoll, F.G. (2009, January 23). Report of Fletcher G. Driscoll, Ph.D. In the matter of: City of New York Plaintiff vs. Amerada Hess Corp. et al., Defendants. Case No. 04Civ- 3417. Prepared by Fletcher Driscoll & Associates LLC. New York. |
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| PL-1309 | | | | EIA. (2003). Motor gasoline outlook and state MTBE bans. Energy Information Administration. < http://www.eia.doe.gov/emeu/steo/pub/special/mtbeban.html > Accessed January 2009. |
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| PL-1316 | | | | Environmental Alliance, Inc. (2002c, December 4). Spill Closure Report (Hess Station #32527). Middlesex, NJ HESS 98805 pg.3 |
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| PL-1318 | 2/9/2007 | | | Environmental Testing Laboratories, Inc. (1990, March). Analysis report. Site Remediation document for 188-06 Hillside Ave: SUM-MDL-013271. |
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| PL-1328 | | | | Flowers Chemical Laboratories. (1997, November 14). Report of analysis. (location-p.798) |
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| PL-1331 | | | | Groundwater & Environmental Services, Inc. (1994). Summary of Soil Analytical Data Gasoline Tanks. (Mobil Station #17-HML). XOM-NYC-REM-0487114 |

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| PL-1332 | 1/6/1995 | | | Groundwater & Environmental Services, Inc. (1995). Tank Removal Report (Mobil Station No. 17-HML). Stamford, CT. XOM-NYC-REM-048711 |
| PL-1333 | | | | Groundwater & Environmental Services, Inc. (2003, December 24). Correspondence to NYSDEC, Mr. Anthony 1. Sigona regarding Investigation Work Plan. Mobil Service Station No. 17-HBA. |
| PL-1334 | | | | Groundwater & Environmental Services, Inc. (2004, July 7). Correspondence to NYSDEC, Ms. Jennifer Rommel regarding Subsurface Investigation Report. Mobil Service Station No. 17-HBA. |
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| PL-1336 | 12/29/1998 | | | Geologic Services Corporation. (1998b, March 11). Pre-Classification Soil Sample Analytical Results (Exxon Facility RAS No. 3-7315). XOM-NYC-REM-078542 pg.263 |
| PL-1337 | | | | Geologic Services Corporation. (1998c, October 6). Correspondence from Mike Hile regarding Exxon/Hollis. Project # 9803202. XOM-NYC-REM-077207 pg.6 |
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| PL-1340 | | | | Geologic Services Corporation. (1999b, November). Site status update report. Site Remediation information document for site 202-06 Hillside Ave 2MDLCP00489242. |
| PL-1341 | | | | Geologic Services Corporation. (1999c, November 11). Monitoring Well Gauging and Analytical Data (Exxon Location RAS No. 3-7315). Bohemia, NY. 2MDLCP00489244 pg 4 |
| PL-1342 | | | | Geologic Services Corporation. (1999d, December 10). Letter to Exxon Company, USA regarding product recovery activities. Site Remediation document for site 202-06 Hillside Ave 2MDLCP00489178. |
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| PL-1344 | 9/15/2000 | | | Geologic Services Corporation. (2000b, August 11). Supplemental Subsurface Investigation Report (Former Exxon RAS No. 3-7315). Bohemia, NY. XOM-NYC-REM-076803 pg.2 |
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| PL-1347 | | | | Geologic Services Corporation. (2003a, May). Site status update report. Site Remediation document for site 202-06 Hillside Ave 2MDLCP00489560. |
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| PL-1349 | | | | Geologic Services Corporation. (2003c, May 30). Correspondence to NYSDEC, Mr. Anthony Sigona regarding Site Status Update Report. Branded Exxon RAS No. 37315. 2MDLCP00489560 pg.1 |
| PL-1350 | | | | Geologic Services Corporation. (2003d, July). Remedial action plan. Site Remediation document for site 202-06 Hillside Ave 2MDLCP00489607. |
| PL-1351 | 8/13/2003 | | | Geologic Services Corporation. (2003e, August 13). Exxon Mobil Corporation Site Status Update Report (NYSDEC No. 97-13740). XOM-NYC-REM-076417 pg.2 |
| PL-1352 | | | | Geologic Services Corporation. (2003f, August 13). Monitoring Well Gauging and Analytical Data. Branded Exxon RAS No. 3-7315. Holbrook, NY. XOM-NYC-REM076419 pgA |
| PL-1353 | | | | Geologic Services Corporation. (2003g, March 4). Site status update report. Site remediation document for site 202-06 Hillside Ave 2MDLCP00489512. |
| PL-1354 | | | | Geologic Services Corporation. (2004a, July 7). Correspondence to NYSDEC, Ms. Jennifer Rommel regarding Subsurface Investigation Report. Mobil Service Station No. 17-HBA. |

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| PL-1355 | | | | Geologic Services Corporation. (2004b, August 16). Correspondence to NYSDEC, Ms. Jennifer Rommel regarding Site Status Update Report. Mobil Service Station No. 17HBA. |
| PL-1356 | | | | GSC/Kleinfelder. (2006a, April). Subsurface investigation report (GSC/Kleinfelder Project No. 70405748EA). Newburgh, NY. (location- p.7-99) |
| PL-1357 | | | | GSC/Kleinfelder. (2006b, June). Site status update report. Newburgh, NY. (locationp. 7-99) |
| PL-1358 | | | | Getty Realty. (2000). Site Review Form (State Incident Number 90-00972). Queens Village, NY. GPMI_REM_02665 pg 4 |
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| PL-1367 | | | | International Technology Corporation. (1991). Feasibility Study Soil Vapor Extraction Pilot Test (IT Project # 530573). Hollis, NY. XOM-NYC-REM-048749 |
| PL-1368 | 2/25/2004 | | | Japietra, Joe. <jbvought@gw.dec.state.ny.us> (2004, February 25). Getty 232. GPMI_REM_02046 pg.15 |
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| PL-1371 | | | | JRH. (2008, May 16). Correspondence to Mr. Thomas P. Festa in reference to Proposed Remedial Plan, Spill #88-06289, Atlas Service Station. |
| PL-1372 | | | | Jones, Eric. (2006, December 7). Email to Mark Tibbe regarding recommendation to bypass air strippers at Jamaica Depot. (location- p.7-26) |
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| PL-1383 | | | | Malcolm Pirnie. (1999, March). Feasibility Study for use of the Brooklyn Queens Aquifer as an Additional Potable Water Supply. Prepared for the NYCDEP. |
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| PL-1394 | | | | Malcolm Pirnie. (2007d). Contaminant Transport Modeling Memorandum, June 19,2007 |
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| PL-1402 | | | | Misut, P. E., Yulinsky, W., Cohen, D., St. Germain, D., Voss, C.I., & Monti, J. (2003, April 12). A SUTRA model of seawater intrusion in western Long Island, New York. Abstract for the Conference on the Geology of Long Island and Metropolitan New York. |
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| PL-1476 | | | | NYSDEC. (2005, October 14). Correspondence with Bhe1a, Inc. regarding Spill No. 9605038, Citgo Service Station, 105-15 Merrick Blvd., Jamaica, New York. |
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| PL-1484 | | | | NYSDEC. (2007d, August 13). Correspondence to Mr. Rami Segal regarding Spill No. 88-06289, Atlas Gas Station. |
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| PL-1491 | | | | Pollock, D.W. (1994). User's guide for MODPATH/MODPATH-PLOT, version 3: A particle tracking post-processing package for MODFLOW, the us. Geological Survey finite-difference ground-waterflow model (U.S. Geological Survey Open-File Report 94-464). |
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| PL-1497 | | | | Shaw Environmental & Infrastructure, Inc. (2005, July 21). Correspondence to Mr. Alexander Zhitomirsky regarding Recommendation for No Further Action, Jamaica Water Supply Station No. 24. |
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| PL-1515 | | | | STL (2007, January 9). Analytical Report for Malcolm Pirnie, Inc. (Job Number 214511). |
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| PL-1520 | | | | STL (2007, February 9). Analytical report for Malcolm Pirnie, Inc. (Job Number 220-694-1). |
| PL-1521 | | | | STL. (2007a, February 20). Analytical report for Malcolm Pirnie, Inc. (Job Number 220-754-1). |
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| PL-1531 | | | | STL (2007 April 24). Analytical report for Malcolm Pirnie, Inc. (Job Number 220-1319-1). |
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| PL-1632 | | | | Toxics Targeting, File mpssc_120.pdf, pages 15 through 19 |
| PL-1633 | | | | Toxics Targeting, File mpssc_155.pdf, pages 12 through 17 (2005 value) |
| PL-1634 | | | | Toxics Targeting, File mpssc_156.pdf, pages 11 through 16 |
| PL-1635 | | | | 14. Toxics Targeting, File mpssc_139.pdf, pages 10 through 15 |
| PL-1636 | | | | 16. Toxics Targeting, File mpssc_122.pdf, pages 13 through 16 |
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| PL-1669 | | | | 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1670 | | | | Table 1: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1671 | | | | Table 2: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1672 | | | | Table 3: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1673 | | | | Table 4: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1674 | | | | Table 5: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1675 | | | | Figure 1: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |

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| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
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| PL-1676 | | | | Figure 2: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1677 | | | | Figure 3: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1678 | | | | Figure 4: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1679 | | | | Figure 5: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1680 | | | | Figure 6: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1681 | | | | Figure 7: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1682 | | | | Figure 8: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1683 | | | | Figure 9: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1684 | | | | Figure 10: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1685 | | | | Figure 11: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1686 | | | | Figure 12: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1687 | | | | Figure 13: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1688 | | | | Figure 14: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1689 | | | | Figure 15: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1690 | | | | Figure 16: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1691 | | | | Figure 17: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1692 | | | | Figure 18: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |

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| PL-1693 | | | | Figure 19: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1694 | | | | Figure 20: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1695 | | | | Figure 21: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1696 | | | | Figure 22: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1697 | | | | Figure 23: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1698 | | | | Figure 24: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1699 | | | | Figure 25: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1700 | | | | Figure 26: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1701 | | | | Figure 27: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1702 | | | | Figure 28: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1703 | | | | Figure 29: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1704 | | | | Figure 30: 2d Errata to February 6, 2009 Expert Report of David B. Terry, P.G. |
| PL-1705 | | | | Appendix B: Expert Report of Donald K. Cohen, CPG & Marnie A. Bell, P.E. |
| PL-1706 | | | | Ciriculum Vitae, Daniel C. Walsh, Ph.D. |
| | | | | |
| | | 008155 | 008240 | Sustainability of Ground-Water Resources |
| PL-1707 | | 007369 | 007489 | Chapter 3: Effect of Ethanol and MtBE on BTEX Biodegradation in the Saturated Zone: Kinetic Studies |
| PL-1708 | | 006538 | 006552 | Cost Estimate To Remove MTBE Contamination From Public Drinking Water Systems In The United States |

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| PL-1709 | | 006553 | 006668 | STRATEGIES FOR CHARACTERIZING SUBSURFACE RELEASES OF GASOLINE CONTAINING MTBE |
| PL-1710 | | 007145 | 007177 | A REVIEW OF COST ESTIMATES OF MTBE CONTAMINATION OF PUBLIC WELLS |
| PL-1711 | | 007178 | 007187 | Evaluation of the atmosphere as a source of volatile organic compounds in shallow groundwater |
| PL-1712 | | 007188 | 007199 | The Influence of Methanol and MTBE on the Fate and Persistence of Monoaromatic Hydrocarbons in Groundwater |
| PL-1713 | | 006043 | 006048 | Photocatalytic Degradation of Methyl-tert-Butyl Ether in TiO ₂ Slurries: A Proposed Reaction Scheme |
| PL-1714 | | 005326 | 005377 | Chapter 3: Methyl tert-Butyl Ether at California Leaking Underground Fuel-Tank Sites: Observations and Implications, in Oxygenates in Gasoline: Environmental Aspects |
| PL-1715 | | 007200 | 007246 | Use and Releases of MTBE in Canada: A report based on responses to Environment Canada's May 26, 2001 information gathering notice on Methyl tertiary-Butyl Ether |
| PL-1716 | | 007247 | 007250 | Paradox of groundwater age: Correction |
| PL-1717 | | 007251 | 007256 | Carbon isotope fractionation during abiotic reductive dehalogenation of trichloroethene (TCE) |
| PL-1718 | | 007269 | 007279 | Intrinsic biodegradation of MTBE and BTEX in a gasoline-contaminated aquifer |
| PL-1719 | | 006346 | 006348 | Aerobic Mineralization of MIBE and tert-Butyl Alcohol by Stream-Bed Sediment Microorganisms |

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| PL-1720 | | 006458 | 006461 | Methyl t-Butyl Ether Mineralization in Surface-Water Sediment Microcosms under Denitrifying Conditions |
| PL-1721 | | 006331 | 006335 | Widespread Potential for Microbial MTBE Degradation in Surface-Water Sediments |
| PL-1722 | | 007280 | 007284 | Low-Temperature MTBE Biodegradation in Aquifer Sediments with a History of Low, Seasonal Ground Water Temperatures |
| PL-1723 | | 005777 | 005784 | Effect of H ₂ and redox Condition on Biotic and Abiotic MTBE Transformation |
| PL-1724 | | 011475 | 011539 | Evaluation of Processes Affecting 1,2-Dibromo-3-Chloropropane (DBCP) Concentrations in Ground Water in the Eastern San Joaquin Valley, California: Analysis of Chemical Data and Ground-Water Flow and Transport Simulations |
| PL-1725 | | 012236 | 012253 | Ethanol in Groundwater at a Northwest Terminal, Workshop on the Increased Use of Ethanol and Alkylates in Automotive Fuels in California |
| PL-1726 | | 006131 | 006134 | UV/H ₂ O ₂ Treatment of Methyl tert-Butyl Ether in Contaminated Waters |
| PL-1727 | | 006105 | 006112 | Kinetics of Methyl Tert-Butyl Ether Degradation and By-Product Formation During UV/Hydrogen Peroxide Treatment |
| PL-1728 | | 006341 | 006345 | Comparison of EH and H ₂ Measurements for Delineating Redox Processes in a Contaminated Aquifer |
| PL-1729 | | 006097 | 006104 | Oxidation of Methyl tert-Butyl Ether (MTBE) Using Fenton's Reagent, with handwritten notes |
| PL-1730 | | 006386 | 006394 | Effects of Environmental Conditions on MTBE Degradation in Model Column Aquifers |

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| PL-1731 | | 008353 | 008356 | National Survey of MTBE and Other VOCs in Community Drinking-Water Sources |
| PL-1732 | | 008357 | 008363 | Partitioning of Aromatic Constituents into Water from Gasoline and Other Complex Solvent Mixtures |
| PL-1733 | | 008365 | 008372 | Natural Bioremediation Perspective for BTX-Contaminated Groundwater in Brazil: Effect of Ethanol in Water Sci. Tech. Journal |
| PL-1734 | | 005791 | 005798 | Biodegradation of the Gasoline Oxygenates MTBE, ETBE, TAME, TBA, and TAA by Aerobic Mixed Cultures |
| PL-1735 | | 008373 | 008393 | Fuel Ethanol: Background and Public Policy Issues |
| PL-1736 | | 006467 | 006475 | Effects of Ethanol versus MTBE on Benzene, Toluene, Ethylbenzene, and Xylene Natural Attenuation in Aquifer Columns |
| PL-1737 | | 008394 | 008400 | Small-Volume Releases of Gasoline in the Vadose Zone: Impact of the Additives MTBE and Ethanol on Groundwater Quality |
| PL-1738 | | 005867 | 005872 | Using the Gasoline Additive MTBE in Forensic Environmental Investigations |
| PL-1739 | | 006124 | 006130 | Alternative Sorbents for Removing MTBE from Gasoline-Contaminated Ground Water |
| PL-1740 | | 000075 | 000148 | Analysis of the California UST & LUST Programs and the Impacts of MTBE and Ethanol to California Groundwater Resources |
| PL-1741 | | 005224 | 005230 | Cometabolism of MTBE by Alkane-Utilizing Microorganisms in Natural Attenuation: Chlorinated and Recalcitrant Compounds |
| PL-1742 | | 005231 | 005238 | Health Risk Assessment of the Migration of Unleaded Gasoline - A Model for Petroleum Products |

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| PL-1743 | | 005511 | 005515 | MTBE: Effects on Soils and Groundwater Resources, Table of Contents |
| PL-1744 | | 005552 | 005563 | Water Soluble Phase Oxygenates in Gasoline From Five New Jersey Service Stations |
| PL-1745 | | 005564 | 005610 | Study of Tert-Butyl Alcohol (TBA) at Selected Underground Storage Tank Remediation Projects Sites in Orange County, California |
| PL-1746 | | 005630 | 005700 | A review of current MTBE usage and occurrence in groundwater in England and Wales |
| PL-1747 | | 005726 | 005733 | MTBE: To What Extent Will Past Releases Contaminate Community Water Supply Wells |
| PL-1748 | | 005785 | 005790 | The Complicated Challenge of MTBE Cleanups |
| PL-1749 | | 005810 | 005820 | Diffusive fractionation of 3H and 3He in groundwater and its impact on groundwater age estimates |
| PL-1750 | | 005834 | 005838 | Solubility and Degradability of the Gasoline Additive MTBE, methyl-tert.-butyl-ether, and Gasoline Compounds in Water |
| PL-1751 | | 005865 | 005866 | Stable isotope fractionation resulting from biotic and abiotic MTBE attenuation processes |
| PL-1752 | | 006052 | 006062 | An Evaluation of Physicochemical Treatment Technologies for Water Contaminated with MTBE |
| PL-1753 | | 006135 | 006139 | Limitations of the lignin peroxidase system of the white-rot fungus, Phanerochaete chrysosporium |
| PL-1754 | | 006140 | 006145 | Aerobic Biodegradation of Methyl tert-Butyl Ether by Aquifer Bacteria from Leaking Underground Storage Tank Sites |

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| PL-1755 | | 006283 | 006302 | Evaluating Natural Biodegradation of MTBE at Multiple UST Sites |
| PL-1756 | | 006321 | 006330 | Methyl tert-Butyl Ether Biodegradation by Indigenous Aquifer Microorganisms under Natural and Artificial Oxidic Conditions, with handwritten notes |
| PL-1757 | | 006395 | 006408 | Occurrence of MTBE in drinking water sources: A recent survey investigates the prevalence of MTBE in drinking water supplies and evaluates the efficacy of treatment for MTBE removal |
| PL-1758 | | 006417 | 006428 | Meeting the Challenge of MTBE Biodegradation |
| PL-1759 | | 006437 | 006450 | Effect of Hydrologic and Geochemical Conditions on Oxygen-Enhanced Bioremediation in a Gasoline-Contaminated Aquifer |
| PL-1760 | | 006486 | 006493 | Enrichment of Stable Carbon and Hydrogen Isotopes during Anaerobic Biodegradation of MTBE: Microcosm and Field Evidence |
| PL-1761 | | 006525 | 006533 | Use of Compound-Specific Stable Carbon Isotope Analyses To Demonstrate Anaerobic Biodegradation of MTBE in Groundwater at a Gasoline Release Site |
| PL-1762 | | 007922 | 008000 | Volume 4: Potential Ground and Surface Water Impacts Chapter 8: Screening Analysis of Potential Groundwater Resource Impacts from Gasoline Containing Ethanol or MTBE Using an Empirically based, Probabilistic Screening Model |

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| PL-1763 | | 008408 | 008417 | Predicting Impacts of Groundwater Contamination: A new framework for prioritizing environmental site cleanups considers the interaction of contaminant plumes with water supply wells |
| PL-1764 | | 008418 | 008421 | Chromium Isotopes and the Fate of Hexavalent Chromium in the Environment |
| PL-1765 | | 008643 | 008653 | Microbial degradation and fate in the environment of methyl tert-butyl ether and related fuel oxygenates |
| PL-1766 | | 008654 | 008945 | European Union Risk Assessment Report: tert-butyl methyl ether |
| PL-1767 | | 008946 | 008952 | Treatment of Methyl tert-Butyl Ether Vapors in Biotrickling Filters. 1. Reactor Startup, Steady-State Performance, and Culture Characteristics |
| PL-1768 | | 008953 | 008961 | Biodegradation of Methyl tert-Butyl Ether and Other Fuel Oxygenates by a New Strain, Mycobacterium austroafricanum IFP 2012 |
| PL-1769 | | 008962 | 008974 | The fuel additive MTBE- a groundwater protection issue? |
| PL-1770 | | 008975 | 008986 | MTBE as a Ground Water Contaminant |
| PL-1771 | | 008987 | 009117 | Occurrence and Distribution of Methyl tert-Butyl Ether and Other Volatile Organic Compounds in Drinking Water in the Northeast and Mid-Atlantic Regions of the United States, 1993-98 |
| PL-1772 | | 009118 | 009211 | A National Survey of Methyl tert-Butyl Ether and Other Volatile Organic Compounds in Drinking-Water Sources: Results of the Random Survey |
| PL-1773 | | 009212 | 009218 | Ethanol's Energy Return on Investment: A Survey of the Literature 1990-Present |

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| PL-1774 | | 009219 | 009239 | A Field Application of Hydrogen-Releasing Compound (HRCTM) for the Enhanced Bioremediation of Methyl Tertiary Butyl Ether (MTBE) |
| PL-1775 | | 009240 | 011040 | JANUARY 2005 SUMMARY REPORT BAYS AUTO REPAIR, INC. 192 WEST MONTAUK HIGHWAY HAMPTON BAYS, NY NYSDEC SPILL # 01- 25324 |
| PL-1776 | | 011041 | 011045 | Biodegradation of Methyl tert-Butyl Ether by a Bacterial Pure Culture |
| PL-1777 | | 011046 | 011125 | An Evaluation of MTBE Impacts to California Groundwater Resources |
| PL-1778 | | 011126 | 011158 | Methyl Tertiary Butyl Ether (MTBE) Impacts to California Groundwater |
| PL-1779 | | 011159 | 011167 | Metabolism of Diethyl Ether and Cometabolism of Methyl tert-Butyl Ether by a Filamentous Fungus, a Graphium sp. |
| PL-1780 | | 011168 | 011178 | Carbon isotope systematics of monoaromatic hydrocarbons: vaporization and adsorption experiments |
| PL-1781 | | 011179 | 011185 | Groundwater Sampling and Monitoring |
| PL-1782 | | 011186 | 011212 | Modeling the partitioning of BTEX in water-reformulated gasoline systems containing ethanol |
| PL-1783 | | 011213 | 011217 | An Evaluation of Thermal Effects on the Dissolution of a Nonaqueous Phase Liquid in Porous Media |
| PL-1784 | | 011228 | 011359 | Overview of Groundwater Remediation Technologies for MTBE and TBA |
| PL-1785 | | 011360 | 011378 | Heterotrophic Microbial Activity in Shallow Aquifer Sediments of Long Island, New York |
| PL-1786 | | 011395 | 011398 | MTBE (methyl tertiary-butyl ether) in groundwaters: Monitoring results from Germany |

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| PL-1787 | | 011404 | 011441 | Role of Molecular Diffusion in Contaminant Migration and Recovery in an Alluvial Aquifer System |
| PL-1788 | | 011824 | 011930 | CALIFORNIA'S CONTAMINATED GROUNDWATER, Is the State Minding the Store? |
| PL-1789 | | 019506 | 019511 | Monitoring Biodegradation of Methyl tert-Butyl Ether (MTBE) Using Compound-Specific Carbon Isotope Analysis |
| PL-1790 | | 027403 | 027425 | Role of Volatilization in Changing TBA and MTBE Concentrations at MTBE-Contaminated Sites |
| PL-1791 | | NYC-FOGG-000175 | NYC-FOGG-000182 | Effects of Endogenous Substrates on Adaptation of Anaerobic Microbial Communities to 3-Chlorobenzate |
| PL-1792 | | NYC-FOGG-000183 | NYC-FOGG-000188 | Carbon Isotope Fractionation during Diffusion and Biodegradation of Petroleum Hydrocarbons in the Unsaturated Zone: Field Experiment at Vaerlose Airbase, Denmark, and Modeling |
| PL-1793 | | NYC-FOGG-000194 | NYC-FOGG-000208 | Regional Nitrate and Pesticide Trends in Ground Water in the Eastern San Joaquin Valley, California |
| PL-1794 | | NYC-FOGG-000225 | NYC-FOGG-000232 | Patterns and Rates of Ground-Water Flow on Long Island, New York |
| PL-1795 | | NYC-FOGG-000233 | NYC-FOGG-000250 | Occurrence of Volatile Organic Compounds in Aquifers of the United States |
| PL-1796 | | NYC-FOGG-000251 | NYC-FOGG-000337 | History and Hydrologic Effects of Ground-Water Use in Kings, Queens, and Western Nassau Counties, Long Island, New York, 1800's through 1997 |
| PL-1797 | | NYC-FOGG-000345 | NYC-FOGG-000352 | Biodegradation of methyl tert-butyl ether by Methylibium petroleiphilum PM1 in poor nutrition solution |

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| PL-1798 | | NYC-FOGG-000380 | NYC-FOGG-000387 | Insight into Methyl tert-butyl Ether (MTBE) Stable Isotope Fractionation from Abiotic Reference Experiments |
| PL-1799 | | NYC-FOGG-000394 | NYC-FOGG-000395 | Bioremediation Principles |
| PL-1800 | | NYC-FOGG-000403 | NYC-FOGG-000414 | A Shallow BTEX and MTBE Contaminated Aquifer Supports a Diverse Microbial Community |
| PL-1801 | | NYC-FOGG-000458 | NYC-FOGG-000464 | Adsorption and Abiotic Transformation of Methyl tert-butyl Ether through Acidic Catalysts |
| PL-1802 | | NYC-FOGG-000524 | NYC-FOGG-000566 | The precautionary principle and risk-risk tradeoffs |
| PL-1803 | | NYC-FOGG-000574 | NYC-FOGG-000580 | Anaerobic Biodegradation of Ethylene Dibromide and 1,2-Dichloroethane in the Presence of Fuel Hydrocarbons |
| PL-1804 | | NYC-FOGG-000589 | NYC-FOGG-000611 | Biodegradation of petroleum hydrocarbon vapors: laboratory studies on rates and kinetics in unsaturated alluvial sand |
| PL-1805 | | NYC-FOGG-000612 | NYC-FOGG-000614 | Pronane and n-butane Oxidation by Pseudomonas putida GPo1 |
| PL-1806 | | NYC-FOGG-001497 | NYC-FOGG-001510 | The Changing Pattern of Ground-Water Development on Long Island, New York |
| PL-1807 | | NYC-FOGG-001539 | NYC-FOGG-001576 | Feasibility of Using Ground Water as a Supplemental Supply for Brooklyn and Queens, New York |
| PL-1808 | | 002181 | 002285 | Title: California's Contaminated Groundwater - Is the State Minding the Store? |

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| PL-1809 | | 003851 | 003867 | Federal Register: Part VII Environmental Protection Agency MTBE; Advance Notice of Intent To Initiate Rulemaking Under the Toxic Substances Control Act To Eliminate or Limit the use of MTBE as a Fuel Additive in Gasoline; Advanced Notice of Proposed Rulemaking [exhibit 24] |
| PL-1810 | | 005125 | 005193 | MTBE Remediation Handbook |
| PL-1811 | | 005194 | 005223 | Intrinsic Bioattenuation for Subsurface Restoration, in Intrinsic Bioremediation |
| PL-1812 | 1/00/1992 | 005910 | 005919 | EPA Ground Water Issue: TCE Removal from Contaminated Soil and Ground Water |
| PL-1813 | | 005378 | 005382 | Alternatives for Groundwater Cleanup, Table of Contents |
| PL-1814 | | 005389 | 005391 | Natural Attenuation for Groundwater Remediation, Table of Contents |
| PL-1815 | 9/15/1999 | 005392 | 005510 | Achieving Clean Air and Clean Water: The Report of the Blue Ribbon Panel on Oxygenates in Gasoline |
| PL-1816 | 2002 | 005546 | 005551 | Simultaneous Determination of Fuel Oxygenates and BTEX Using Direct Aqueous Injection Gas Chromatography Mass Spectrometry (DAI- GC/MS) |
| PL-1817 | 3/00/2005 | 005611 | 005616 | Comparison of Biostimulation versus Bioaugmentation with Bacterial Strain PM1 for Treatment of Groundwater Contaminated with Methyl Tertiary Butyl Ether (MTBE) |
| PL-1818 | | 005617 | 005629 | Potential for MTBE Bioremediation-In Situ Inoculation of Specialized Cultures |
| PL-1819 | 2001 | 005701 | 005708 | Biodegradation of Methyl tert-Butyl Ether under Various Substrate Conditions |

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| PL-1820 | 2001 | 005709 | 005714 | Evaluation of the Intrinsic MTBE Biodegradation Potential in MTBE-Contaminated Soils, with handwritten notes |
| PL-1821 | 7/00/1994 | 005715 | 005725 | Anaerobic biodegradation of gasoline oxygenates in soils, with handwritten notes |
| PL-1822 | 11/26/2002 | 005734 | 005764 | Microbial degradation of methyl tert-butyl ether and tert-butyl alcohol in the subsurface |
| PL-1823 | 2002 | 005765 | 005774 | Vapor Phase Transport and Biodegradation of Volatile Fuel Compunds in the Unsaturated Zone: A Large Scale Lysimeter Experiment |
| PL-1824 | 4/00/1997 | 005775 | 005776 | Biotreatment of MTBE-Contaminated Ground Water |
| PL-1825 | 1997 | 005799 | 005802 | Effects of Oxygen and Temperature on the Biodegradation of MTBE |
| PL-1826 | 6/2/1999 | 005821 | 005823 | MEMO Subject: Expedited Evaluation of Risk Assessment for Tertiary Butyl Alcohol on Drinking Water |
| PL-1827 | 3/00/1993 | 005824 | 005833 | Point-of-entry treatment of petroleum contaminated water supplies |
| PL-1828 | | 005846 | 005857 | Applications of Ground Water Fate and Transport Models to Evaluate Contaminant Mass Flux and Remedial Options for a MTBE Plume on Long Island, NY |
| PL-1829 | | 005882 | 005892 | Characteristics of Gasoline Releases in the Water Table Aquifer of Long Island |
| PL-1830 | 2/00/1994 | 005893 | 005899 | Environmental Behavior and Fate of Methyl tert-Butyl Ether (MTBE) |
| PL-1831 | 7/00/1994 | 005900 | 005905 | Isolation of a Bacterial Culture that Degrades Methyl t-Butyl Ether, with handwritten notes |

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| PL-1832 | 1995 | 005906 | 005909 | Understanding the limitations of microbial metabolism of ethers used as fuel octane enhancers |
| PL-1833 | 8/00/1999 | 005910 | 006042 | RFG/MTBE Findings & Recommendations |
| PL-1834 | 12/00/2002 | 006049 | 006051 | Water 101: MTBE Primer |
| PL-1835 | | 006063 | 006071 | Degradation Pathways during the Treatment of Methyl-Butyl Ether by the UV/H2O2 Process |
| PL-1836 | | 006072 | 006080 | Oxidation of Methyl tert-Butyl Ether (MTBE and Ethyl tert-Butyl Ether (ETBE) By Ozone and Combined Ozone/Hydrogen Peroxide |
| PL-1837 | | 006081 | 006089 | Comparison of Liquid Gas-Phase Photooxidation of MTBE: Synthetic and Field Samples |
| PL-1838 | | 006090 | 006096 | Removing Organics From Groundwater Through Aeration Plus GAC; Journal AWWA (Rocco 15), with handwritten notes |
| PL-1839 | | 006113 | 006123 | Field-Scale Demonstration of Enhanced MTBE Bioremediation through Aquifer Bioaugmentation and Oxygenation |
| PL-1840 | | 006146 | 006154 | EFFECT OF ETHANOL AND METHYL-TERT-BUTYL ETHER ON MONO AROMATIC HYDROCARBON BIODEGRADATION: RESPONSE VARIABILITY FOR DIFFERENT AQUIFER MATERIALS UNDER VARIOUS ELECTRON-ACCEPTING CONDITIONS |
| PL-1841 | | 006155 | 006163 | DEMONSTRATION OF THE BIOREMEDY PROCESS FOR MTBE REMEDIATION AT RETAIL GASOLINE STATIONS |
| PL-1842 | | 006164 | 006167 | Enhanced Bioremediation of MTBE (BioRemedy) at Retail Gas Stations |
| PL-1843 | | 006168 | 006226 | Natural Attenuation of MTBE in the Subsurface under Methanogenic Conditions |

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| PL-1844 | | 006227 | 006236 | In Situ MTBE Biodegradation Supported by Diffusive Oxygen Release |
| PL-1845 | | 006303 | 006308 | Anaerobic biotransformation of fuel oxygenates under sulfate-reducing conditions |
| PL-1846 | | 006309 | 006314 | A Comparison of Benzene and Toluene Plume Lengths for Sites Contaminated with Regular vs. Ethanol-Amended Gasoline |
| PL-1847 | | 006315 | 006320 | Anaerobic Biodegradation of Gasoline Oxygenates: Extrapolation of Information to Multiple Sites and Redox Conditions |
| PL-1848 | | 006349 | 006368 | Bacterial Scission of Ether Bonds, with handwritten notes |
| PL-1849 | | 006369 | 006385 | Determination of naturally occurring MTBE biodegradation by analysing metabolites and biodegradation by-products |
| PL-1850 | | 006409 | 006416 | The effect of hydrogen peroxide on the degradation of methyl and ethyl-tert-butyl ether in soils |
| PL-1851 | | 006429 | 006436 | Evaluation of the intrinsic methyl tert-butyl ether (MTBE) biodegradation potential of hydrocarbon contaminated subsurface soils in batch microcosm systems |
| PL-1852 | | 006451 | 006457 | Role of Natural Attenuation in Life Cycle of MTBE Plumes |
| PL-1853 | | 006462 | 006463 | MTBE Remediation Using Self-Seeded Granular Activated Carbon |
| PL-1854 | | 006464 | 006466 | MTBE Remediation and Treated Ground Water Re-Injection in Los Angeles County |
| PL-1855 | | 006476 | 006485 | Biodegradation of Petroleum Hydrocarbons in Fractured, Unsaturated Dolomite at a Field Site, with handwritten notes |

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| PL-1856 | | 006494 | 006500 | Carbon Isotope Fractionation during Anaerobic Degradation of Methyl tert-Butyl Ether under Sulfate-Reducing and Methanogenic Conditions |
| PL-1857 | | 006501 | 006513 | Anaerobic Biodegradation of MTBE at a Gasoline Spill Site |
| PL-1858 | | 006517 | 006524 | Hydrolysis of tert-Butyl Methyl Ether (MTBE) in Dilute Aqueous Acid |
| PL-1859 | | 006966 | 007030 | California Leaking Underground Fuel Tank (LUFT) Historical Case Analyses |
| PL-1860 | | 007257 | 007268 | The Blue Ribbon Panel on Oxygenates in Gasoline, Executive Summary and Recommendations |
| PL-1861 | | 007306 | 007319 | Chapter 1: Increased Use of Ethanol in Gasoline and Potential Ground Water Impacts |
| PL-1862 | | 007320 | 007368 | Chapter 2: Infiltration and Distribution of Ethanol and Ethanol-blended Gasoline in the Vadose Zone |
| PL-1863 | | 007525 | 007547 | Chapter 5: A Finite-difference-based Reactive Transport Model Assessment of the Effects of Ethanol Biotransformation on the Lengths of Benzene Plumes from Leaking Underground Fuel Tanks |
| PL-1864 | | 007612 | 007679 | Volume 4: Potential Ground and Surface Water Impacts Chapter 2: A Critical Review: The Effect of Ethanol in Gasoline on the Fate and Transport of BTEX in the Subsurface |
| PL-1865 | | 007719 | 007754 | Volume 4: Potential Ground and Surface Water Impacts Chapter 4: Screening Model Evaluation of the Effects of Ethanol on Benzene Plume Lengths |

PLAINTIFF CITY OF NEW YORK'S AMENDED PHASE TWO TRIAL EXHIBIT LIST

| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
|----------------------------------|---------|--------------------|---------------|---|
| PL-1866 | | 008455 | 008560 | Technologies for Treating MtBE and Other Fuel Oxygenates |
| PL-1867 | | 008561 | 008642 | MTBE and the Requirements for Underground Storage Tank Construction and Operation in Member States |
| PL-1868 | | 011399 | 011403 | NATURAL BIODEGRADATION OF MTBE AT A SITE ON LONG ISLAND, NY in Natural Attenuation of MTBE |
| PL-1869 | | 011461 | 011549 | Monitored Natural Attenuation of MTBE as a Risk Management Option at Leaking Underground Storage Tank Sites |
| PL-1870 | | 011550 | 011553 | Biodegradation of methyl t-butyl ether by pure bacterial cultures |
| PL-1871 | | 011554 | 011617 | Modeling the Impact of Ethanol on the Persistence of BTEX Compounds in Gasoline-contaminated Groundwater |
| PL-1872 | | 011618 | 011629 | Modeling the impact of ethanol on the persistence of benzene in gasoline-contaminated groundwater |
| PL-1873 | | 011630 | 011690 | Occurrence and Status of Volatile Organic Compounds in Ground Water from Rural, Untreated, Self-Supplied Domestic Wells in the United States, 1986-99 |
| PL-1874 | | 011691 | 011694 | Determination of the Ecological Risk Associated With a Plume of MTBE at NCBC, Port Hueneme, California |
| PL-1875 | | 011798 | 011823 | HEALTH, ENVIRONMENTAL, AND ECONOMIC IMPACTS OF ADDING ETHANOL TO GASOLINE IN THE NORTHEAST STATES, VOLUME 1 SUMMARY AND RECOMMENDATIONS |
| PL-1876 | | 011931 | 011939 | FINAL REPORT SURVEY OF ACTIVE NEW YORK STATE GASOLINE REMEDIATION SITES WITH POTENTIAL MTBE CONTAMINATION |

PLAINTIFF CITY OF NEW YORK'S AMENDED PHASE TWO TRIAL EXHIBIT LIST

| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
|----------------------------------|---------|--------------------|---------------|---|
| PL-1877 | | 011949 | 011965 | RECONSIDERATION OF METHANE ISOTOPE SIGNATURE AS A CRITERION FOR THE GENESIS OF NATURAL GAS INFLUENCE OF MIGRATION ON ISOTOPIC SIGNATURES |
| PL-1878 | | 011966 | 011974 | Will Ethanol-Blended Gasoline Affect Groundwater Quality? Using ethanol instead of MTBE as a gasoline oxygenate could be less harmful to the environment. |
| PL-1879 | | 011985 | 011992 | Isotopically light methane in natural gas: bacterial imprint or diffusive fractionation? |
| PL-1880 | | 012007 | 012019 | Kinetic isotopic fractionation during diffusion of ionic species in water |
| PL-1881 | | 012020 | 012027 | The Alkyl tert-Butyl Ether Intermediate 2-Hydroxyisobutyrate Is Degraded via a Novel Cobalamin-Dependent Mutase Pathway |
| PL-1882 | | 012028 | 012038 | FATE OF GASOLINE OXYGENATES IN CONVENTIONAL AND MULTILEVEL WELLS OF A CONTAMINATED GROUNDWATER TABLE IN DUSSELDORF, GERMANY |
| PL-1883 | | 012043 | 012108 | MONITORED NATURAL ATTENUATION: USEPA RESEARCH PROGRAM – AN EPA SCIENCE ADVISORY BOARD REVIEW |
| PL-1884 | | 012120 | 012132 | Perspectives on MTBE Biodegradation and the Potential for IN-Situ Aquifer Bioremediation |
| PL-1885 | | 012133 | 012136 | Evaluation of Biodegradation and Dispersion as Natural Attenuation Processes of MTBE and Benzene at the Borden Field Site |
| PL-1886 | | 012137 | 012146 | A Study of Long-Term MTBE Attenuation in the Borden Aquifer, Ontario, Canada |
| PL-1887 | | 012148 | 012167 | Laboratory evidence of MTBE biodegradation in Borden aquifer material |

| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
|----------------------------------|---------|--------------------|---------------|--|
| PL-1888 | | 012168 | 012195 | Molecular transport of methane, ethane and nitrogen and the influence of diffusion on the chemical and isotopic composition of natural gas accumulations |
| PL-1889 | | 012196 | 012203 | Supporting Information for ES0304650, Evaluation of the Impact of Fuel Hydrocarbons and Oxygenates on Groundwater Resources |
| PL-1890 | | 012211 | 012222 | Volatile Organic Compounds in Untreated Ambient Groundwater of the United States, 1985-1995 |
| PL-1891 | | 012223 | 012232 | Preliminary Assessment of the Occurrence and Possible Sources of MTBE in Groundwater in the United States, 1993-1994 |
| PL-1892 | | 012233 | 012235 | Anaerobic Biodegradation of Known and Potential Gasoline Oxygenates in the Terrestrial Subsurface |
| PL-1893 | | 012255 | 012256 | MTBE and other volatile organic compounds—New findings and implications on the quality of source waters used for drinking-water supplies |
| PL-1894 | | 012257 | 012260 | Occurrence of the Gasoline Additive MTBE in Shallow Ground Water in Urban and Agricultural Areas |
| PL-1895 | | 012261 | 012269 | Effect of Iron Type Kinetics and Carbon Isotopic Enrichment of Chlorinated Ethylenes During Abiotic reduction on Fe(O) |
| PL-1896 | | 011431 | 011439 | Stable Isotope Analysis of MTBE to Evaluate the Source of TBA in Ground Water |

PLAINTIFF CITY OF NEW YORK'S AMENDED PHASE TWO TRIAL EXHIBIT LIST

| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
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| PL-1897 | | 011440 | 011474 | Low-Level Volatile Organic Compounds in Active Public Supply Wells as Ground-Water Tracers in the Los Angeles Physiographic Basin, California, 2000 |
| PL-1898 | | 011540 | 011562 | Underground Storage Tank System Field-Based Research Project Report |
| PL-1899 | | 011570 | 011580 | Biodegradation of methyl tert-butyl ether by cold-adapted mixed and pure bacterial cultures |
| PL-1900 | 6/2/2005 | 011581 | 011592 | Transport and degradation of ethanol in groundwater in J. Contam. Hydrol., 82., 183-194 |
| PL-1901 | 6/29/2001 | 011593 | 011612 | Experimental investigation on the carbon isotope fractionation of methane during gas migration by diffusion through sedimentary rocks at elevated temperature and pressure |
| PL-1902 | 1/18/2006 | 019707 | 019722 | Space-fractional advection-dispersion equations with variable parameters: Diverse formulas, numerical solutions, and application to the Macrodispersion Experiment site data |
| PL-1903 | 7/25/2006 | NYC-FOGG-000634 | NYC-FOGG-000648 | Isotopic fractionation by diffusion in groundwater |
| PL-1904 | 1998 | NYC-FOGG-000649 | NYC-FOGG-000658 | Fate of MTBE Relative to Benzene in a Gasoline-Contaminated Aquifer (1993-98) |
| PL-1905 | 2001 | NYC-FOGG-000666 | NYC-FOGG-000669 | Effects of Gasoline Formulation on Methyl tert-Butyl Ethern (MTBE) Contamination in Private Wells near Gasoline Stations |
| PL-1906 | 6/00/2004 | NYC-FOGG-000670 | NYC-FOGG-000675 | Tracking Troubling Vapor Releases in New Hampshire |
| PL-1907 | 11/00/2007 | NYC-FOGG-000685 | NYC-FOGG-000690 | Biodegradation of Bis(2-Chloroethyl) Ether by Xanthobacter sp. Strain ENV481 |

PLAINTIFF CITY OF NEW YORK'S AMENDED PHASE TWO TRIAL EXHIBIT LIST

| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
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| PL-1908 | 2007 | NYC-FOGG-000691 | NYC-FOGG-000701 | Evaluation of TCE and MTBE in situ Biodegradation: Integrating Stable Isotope, Metabolic Intermediate, and Microbial Lines of Evidence |
| PL-1909 | 3/00/2007 | NYC-FOGG-000722 | NYC-FOGG-000730 | Carbon Conversion Efficiency and Limits of Productive Bacterial Degradation of Methyl tert-Butyl Ether and Related Compounds. Applied and Environmental Microbiology. Vol 73, No 6. |
| PL-1910 | 10/21/2007 | NYC-FOGG-000730 | NYC-FOGG-000738 | Degradation of Fuel Oxygenates and their Main Intermediates by Aquincola Tertiarcarbonis L108. Microbiology (2008) pp. 1414-1421. |
| PL-1911 | 8/00/2000 | NYC-FOGG-000739 | NYC-FOGG-000800 | Survey of State Experiences with MtBE Contamination at LUST Sites. A Project of the NEIWPC |
| PL-1912 | 10/13/2003 | NYC-FOGG-000855 | NYC-FOGG-000862 | Bioremediation of BTEX Hydrocarbons: Effect of Soil Inoculation with the Toluene-Growing Fungus Cladophialophora sp. Strain T1. Biodegradation 15: 59-65, 2004. |
| PL-1913 | 1/00/1999 | NYC-FOGG-000877 | NYC-FOGG-000884 | Report of the State Water Resources Control Board's Advisory Panel on the Leak History of New and Upgraded UST Systems |
| PL-1914 | 8/23/2007 | NYC-FOGG-000909 | NYC-FOGG-000915 | Pathway, inhibition and regulation of methyl tertiary butyl ether oxidation in a filamentous fungus, Graphium sp. Applied Microbiol Biotechnol (2008) 77:1359-1365. |
| PL-1915 | 6/00/2004 | NYC-FOGG-000916 | NYC-FOGG-001220 | Water Resources Data. New York. Water Year 2003. Volume 2. Long Island. |
| PL-1916 | | NYC-FOGG-001228 | NYC-FOGG-001240 | Occurance of Methyl tertiary-Butyl Ether (MTBE) in Groundwater at Operation UST Facilities in Santa Clara County: A Study to Assess Groundwater Vulnerability |

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| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
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| PL-1917 | 1983 | NYC-FOGG-001241 | NYC-FOGG-001245 | USEPA. Brooklyn-Queens Aquifer System. http://www.epa.gov/region02/water/aquifer/brooklyn/brooklyn.htm |
| PL-1918 | 1/20/2006 | NYC-FOGG-001251 | NYC-FOGG-001257 | Biodegradation of Ether Pollutants by Pseudonocardia sp. Strain ENV478. Applied and Environmental Microbiology. (August 2006) p. 5218-5224. |
| PL-1919 | 2008 | NYC-FOGG-001295 | NYC-FOGG-001300 | Long terms studies on the anaerobic biodegradability of MtBE and other gasoline ethers. Journal of Hazardous Materials. (2008) |
| PL-1920 | 12/22/2004 | NYC-FOGG-001342 | NYC-FOGG-001353 | New Evaluation Scheme for Two-Dimensional Isotope Analysis to Decipher Biodegradation Processes: Application to Groundwater Contamination by MTBE. Environ. Sci. Technol (2005) 39, 1018-1029. |
| PL-1921 | 11/12/1996 | NYC-FOGG-001425 | NYC-FOGG-001440 | Analysis of the Gasoline Spill at East Patchoque, New York |
| PL-1922 | 2/00/2008 | NYC-FOGG-000801 | NYC-FOGG-000854 | USEPA MTBE Pilot Project-Objective 2 Investigate Potential Sources of MtBE Contamination on Long Island That Could Impact Water Supplies or Environmentally Sensitive Areas |
| PL-1923 | 2006 | 011453 | 011460 | Impact of Ethanol on the Natural Attenuation of Benzene, Toluene, and o-Xylene in a Normally Sulfate-Reducing Aquifer |
| PL-1924 | 2001 | 006237 | 006282 | The Transport and Fate of Ethanol and BTEX in Groundwater Contaminated by Gasohol |
| PL-1925 | | 000279 | 000347 | Email attaching: Long Island Source Water Assessment Summary Report in cooperation with Nassau County Dept. of Health; Nassau County Dept. of Public Works; and Suffolk County Dept. of Health Services |

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| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
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| PL-1927 | | 4607 4826 | 4728 4948 | Expert Report of Graham Fogg with CV and Declaration of Service |
| PL-1928 | | 005383 | 005388 | Biodegradation and Bioremediation Table of Contents |
| PL-1929 | 12/1/2000 | 005785 | 005790 | The Complicated Challenge of MTBE Cleanups |
| PL-1930 | 2007 | 005803 | 005809 | Impact of Ethanol on the Natural Attenuation of MTBE in a Normally Sulfate-reducing Aquifer |
| PL-1931 | 5/00/2005 | 005838 | 005845 | Anaerobic Biodegradation of Methyl tert-Butyl Ether Under Iron-Reducing Conditions in Batch and Continuous-Flow Cultures |
| PL-1932 | 2001 | 006336 | 006340 | Water Resources Data. New York. Water Year 2003. Volume 2. Long Island. |
| PL-1933 | | 006534 | 006536 | Compound-specific isotope analysis: tracing organic contaminant sources and processes in geochemical systems |
| PL-1934 | 1/00/1991 | 007297 | 007305 | Particle Tracking Analysis of recharge Areas in Long Island, New York |
| PL-1935 | 10/00/2001 | 008364 | 008364 | Environmental Assessment of the Use of Ethanol as a Fuel Oxygenate:Subsurface Fate and Transport of Gasoline Containing Ethanol |
| PL-1936 | 1994 | 011218 | 011227 | DRAFT California's Groundwater Update 2003 Bulletin 118; Titled "Oxidation of MTBE and ETBE by Ozone and Combined Ozone/Hydrogen Peroxide" |
| PL-1937 | | 011442 | 011452 | The Size and Behavior of MTBE Plumes in Texas |
| PL-1938 | | 011940 | 011948 | Implications of MTBE for Intrinsic Remediation of Underground Fuel Tank Sites |

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| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
|----------------------------------|------------|--------------------|-----------------|---|
| PL-1939 | 11/19/2004 | 012204 | 012210 | Carbon Isotopic Fractionation during Anaerobic Biotransformation of Methyl tert-Butyl Ether and tert-Amyl Methyl Ether |
| PL-1940 | 6/22/1905 | 011388 | 011411 | A Probabilistic Assessment of Household Exposures to MTBE from Drinking Water |
| PL-1941 | 12/21/2000 | 011412 | 011422 | MTBE in California Drinking Water: An Analysis of Patterns and Trends |
| PL-1942 | 2002 | 011423 | 011430 | Comparative Risk Analysis of Six Volatile Organic Compounds in California Drinking Water |
| PL-1943 | 2008 | NYC-FOGG-000209 | NYC-FOGG-000224 | Bio-Traps Coupled with Molecular Biological Methods and Stable Isotope Probing Demonstrate the In Situ Biodegradation Potential of MTBE and TBA in Gasoline-Contaminated Aquifers |
| PL-1944 | 7/13/2007 | NYC-FOGG-000338 | NYC-FOGG-000344 | Degradation of methyl tert-butyl ether by gel immobilized Methylibium petroleiphilum PM1 |
| PL-1945 | 2003 | NYC-FOGG-000353 | NYC-FOGG-000373 | Rate of Natural Attenuation of Tert-Butyl Alcohol at Chemical Plant |
| PL-1946 | 8/00/2000 | NYC-FOGG-000374 | NYC-FOGG-000377 | MTBE and BTEX Plume Behavior |
| PL-1947 | 1990 | NYC-FOGG-000378 | NYC-FOGG-000379 | Physical and Chemical Hydrogeology - Second Edition |
| PL-1948 | 9/15/2006 | NYC-FOGG-000396 | NYC-FOGG-000402 | Leaded-Gasoline Additives Still Contaminate Water |
| PL-1949 | 7/29/2008 | NYC-FOGG-000415 | NYC-FOGG-000422 | Dual Augmentation for aerobic bioremediation of MTBE and TCE pollution in heavy metal-contaminated soil |
| PL-1950 | 2003 | NYC-FOGG-000423 | NYC-FOGG-000457 | Review of MTBE Biodegradation and Bioremediation |
| PL-1951 | 2005 | NYC-FOGG-000465 | NYC-FOGG-000470 | Biotic and Abiotic Transformations of Methyl tertiary Butyl Ether (MTBE) |
| PL-1952 | | NYC-FOGG-000471 | NYC-FOGG-000486 | Evolution of an MTBE Plume: Discovery, Containment, and Remediation |

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| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
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| PL-1953 | 2008 | NYC-FOGG-000487 | NYC-FOGG-000515 | Microbial biodiversity in groundwater ecosystems |
| PL-1954 | 2003 | NYC-FOGG-000516 | NYC-FOGG-000523 | Full-Scale Demonstration of Natural Attenuation of MTBE |
| PL-1955 | 4/23/2001 | NYC-FOGG-000567 | NYC-FOGG-000573 | Biodegradation of methyl tert-butyl ether by a Pure Bacterial Culture |
| PL-1956 | 1989 | NYC-FOGG-000581 | NYC-FOGG-000588 | Relationship between Subsurface Biodegradation Rates and Microbial Density |
| PL-1957 | 9/12/2007 | NYC-FOGG-000621 | NYC-FOGG-000633 | Modern geochemical and molecular tools for monitoring in-situ biodegradation of MTBE and TBA |
| PL-1958 | 4/1/2007 | NYC-FOGG-000659 | NYC-FOGG-000665 | Characterization of cyclohexane and hexane degradation by Rhodococcus sp. EC1 |
| PL-1959 | 7/28/2008 | NYC-FOGG-000676 | NYC-FOGG-000684 | Use of Mycobacterium austroafricanum IFP 2012 in a MTBE-Degrading Bioreactor |
| PL-1960 | 11/00/2003 | NYC-FOGG-000702 | NYC-FOGG-000711 | TBA Production by Acid Hydrolysis of MtBE During Heated Headspace Analysis and Evaluation of a Base as a Perservative. Ground Water Monitoring & Remediation 24, No. 4/Fall 2004, pp. 57-66. |
| PL-1961 | 2/26/2008 | NYC-FOGG-000712 | NYC-FOGG-000721 | Mineralization of Methyl tert-butyl ether and other gasoline oxygenates by Psudomonads using short n-alkanes as growth source. Springer Science + Business Media. |
| PL-1962 | 5/11/2007 | NYC-FOGG-000863 | NYC-FOGG-000876 | Aerobic MtBE Biodegradation in the presence of BTEX by two consortia under batch and semi-batch conditions. Biodegradation (2008) 19:269-282. |
| PL-1963 | | NYC-FOGG-000885 | NYC-FOGG-000892 | MTBE Behavior at Field Sites and Plume Characterization. |

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| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
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| PL-1964 | | NYC-FOGG-000894 | NYC-FOGG-000908 | Biodegradation potential of MtBE in a fractured chalk aquifer under aerobic conditions in long-term contaminated and contaminated aquifer microcosms. Journal of Contaminant Hydrology 103 (2009) 119-133. |
| PL-1965 | 11/00/1997 | NYC-FOGG-001221 | NYC-FOGG-001227 | Biodegradation of the Gasoline Oxygenates Methyl-Tert-Butyl Ether, Ethyl tert-Butyl Ether, and tert-Amyl Methyl Ether by Propane-Oxidizing Bacteria. Applied and Environmental Microbiology p. 4216-4222 |
| PL-1966 | 1/00/1998 | NYC-FOGG-001246 | NYC-FOGG-001250 | MtBE Fact Sheet #2. Remediation of MtBE Contaminated Soil and Groundwater. |
| PL-1967 | | NYC-FOGG-001258 | NYC-FOGG-001267 | Treatment of MtBE-Contaminated Water in Fluidized Bed Bioreactor. Journal of Environmental Engineering. (September 2002) |
| PL-1968 | 2008 | NYC-FOGG-001275 | NYC-FOGG-001280 | Biodegradation of Methyl tert-Butyl Ether using Bacterial Strains. Folia Microbiol. 53 (5), 411-416 (2008) |
| PL-1969 | 11/15/2005 | NYC-FOGG-001281 | NYC-FOGG-001294 | Biotreatment of groundwater contaminated with MtBE: interaction of common environmental co-contaminants. Biodegradation. (2007) 18:37-50. |
| PL-1970 | 2008 | NYC-FOGG-001301 | NYC-FOGG-001313 | Model description and kinetic parameter analysis of MtBE biodegradation in a packed bed reactor. Science Direct. |
| PL-1971 | 8/16/2007 | NYC-FOGG-001314 | NYC-FOGG-001319 | Estimation of the fraction of biologically active methyl tert-butyl ether degraders in a heterogeneous biomass sample. Springer Science+Business. (2007) |
| PL-1972 | 6/00/1998 | NYC-FOGG-001320 | NYC-FOGG-001325 | Perspective. Prokaryotes: The unseen majority. Proc. Natl. Acad. Sci. USA. Volume 95, pp. 6578-6583, June 1998 |

PLAINTIFF CITY OF NEW YORK'S AMENDED PHASE TWO TRIAL EXHIBIT LIST

| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
|----------------------------------|------------|--------------------|-----------------|--|
| PL-1973 | 10/14/2007 | NYC-FOGG-001326 | NYC-FOGG-001333 | Biodegradation of methyl tert-Butyl Ether by aerobic granules under a cosubstrate condition. Appl. Microbiol Biotechnol (2008) 78:543-550. |
| PL-1974 | 10/27/2007 | NYC-FOGG-001334 | NYC-FOGG-001341 | Biodegradation of methyl tert-Butyl Ether as a sole carbon source by aerobic granules cultivated in a sequencing batch reactor. Bioprocess Biosyst Eng (2008) 31:527-534 |
| PL-1975 | 2007 | NYC-FOGG-001366 | NYC-FOGG-001385 | Anaerobic Biodegradation of Methyl tert-butyl Ether (MTBE) and Related Fuel Oxygenates, Chapter 2 in Advances in Applied Microbiology |
| PL-1976 | 11/00/2008 | NYC-FOGG-001386 | NYC-FOGG-001393 | Involvement of a Novel Enzyme, MdpA, in Methyl tert-Butyl Ether Degradation in Methylibium petroleiphilum PM1 |
| PL-1977 | 1997 | NYC-FOGG-001394 | NYC-FOGG-001420 | Life in the Slow Lane: Activities of Microorganisms in the Subsurface |
| PL-1978 | | NYC-FOGG-001421 | NYC-FOGG-001424 | A Comparative Assessment of the Long-Term Behavior of MtBE and Benzene Plumes in Florida, USA |
| PL-1979 | | | | MTBE in U.S. Drinking Water and Drinking Water Sources |
| PL-1980 | | | | Effects of Environmental Conditions on MTBE Degradation in Model Column Aquifers |
| PL-1981 | | | | Substrate Interactions in BTEX and MTBE mixtures by an MTBE-degrading isolate |
| PL-1982 | | | | Impact of ethanol on benzene plume lengths: Microbial and Modeling Studies |
| PL-1983 | | | | Report of Fletcher G. Driscoll |
| PL-1984 | | | | Anaerobic degradation of methyl tert-butyl ether (MTBE) and tert-butyl alcohol (TBA) |
| PL-1985 | | | | Impacts of MTBE on California groundwater |

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| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
|----------------------------------|---------|--------------------|---------------|--|
| PL-1986 | | | | General Response to Reviewer Comments Concerning Impacts of MTBE on California groundwater |
| PL-1988 | | | | A Hydrogeologic Perspective on MTBE Contamination in California Groundwater |
| PL-1989 | | | | Occurrence of MTBE and tert-butyl alcohol in a gasoline contaminated aquifer |
| PL-1990 | | | | Aquicola tertiaricarbonis gen. nov., sp. Nov., a tertiary butyl moiety-degrading bacterium |
| PL-1991 | | | | An Evaluation of Compound-Specific Isotope Analyses for Assessing the Biodegradation of MTBE at port Hueneme, CA |
| PL-1992 | | | | Extent, Mass, and Duration of Hydrocarbon Plumes from Leaking Petroleum Storage Tank |
| PL-1994 | | | | Expert Report of Marcel Moreau |
| PL-1995 | | | | MTBE and Benzene Plume Behavior a Comparative Perspective |
| PL-1996 | | | | Monitored Natural Attenuation of MTBE |
| PL-1997 | | | | MTBE: a Conservative Tracer for Estimating Biodegradation and Hydrodynamic Dispersion at Underground Storage Tank Sites |
| PL-1998 | | | | Oxygen Stimulates MTBE Biodegradation by indigenous microbial populations in groundwater |
| PL-1999 | | | | Aerobic in situ Bioremediation in MTBE Remediation Handbook |
| PL-2000 | | | | Effects of Co-Substrates and Inhibitors on the Anaerobic O-Demethylation of Methyl tert-butyl ether as a sole carbon source by aerobic granules cultivated in a sequencing batch reactor |

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| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
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| PL-2001 | | | | HiPOx™ Advanced oxidation technology for the destructive removal of MTBE-contaminated groundwater |
| PL-2002 | | | | Use of chlorofluorocarbons (CCI3F and CCI2F2) as hydrologic tracers and age-dating tools: the alluvium and terrace system of central Oklahoma |
| PL-2003 | | | | tert-butyl alcohol: Chemical Properties, Production and Use, fate and Transport, Toxicology, and Detection in Groundwater and Regulatory Standards |
| PL-2004 | | | | Occurrence and temporal variability of methyl tert-butyl ether (MTBE) and other volatile organic compounds in select sources of drinking water: results of the focused survey |
| PL-2005 | | | | USGS Circular Survey 1159: Water Quality in the San Joaquin-Tulare Basins, California 1992-1995 |
| PL-2006 | | | | Expert Report of Graham E. Fogg, prepared for the Office of the Legal Advisor, US Dept. of State |
| PL-2007 | | | | Motivation of synthesis, with an example on groundwater quality sustainability, Water Resources Research |
| PL-2008 | | | | Groundwater vulnerability assessment: hydrogeologic perspective and example from Salinas Valley, CA |
| PL-2009 | | | | Statement Robert M. Hirsch, Associate Director for Water USGS |
| PL-2010 | | | | Pesticides and Groundwater Quality, Issues and Problems in Four States |
| PL-2011 | | | | Evaluation of Automotive MTBE Combustion Byproducts in California Reformulated Gasoline |

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| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
|----------------------------------|---------|--------------------|---------------|--|
| PL-2012 | | | | The Impact of the gasoline additive methyl tertiary-butyl ether (MTBE) on Groundwater: a German Perspective |
| PL-2013 | | | | Use and Occurrence of Fuel Oxygenates in Europe |
| PL-2014 | | | | Science and Technology Review |
| PL-2015 | | | | Dispersion of Groundwater Age in an Alluvial Aquifer System |
| PL-2016 | | | | Final Phase I Report Statewide Methyl Tertiary Butyl Ether Risk Analysis for the State of New Hampshire, prepared for NH DEP |
| PL-2017 | | | | The Quality of Our Nation's Waters: Volatile Organic Compounds in the Nation's Ground Water and Drinking Water Supply Wells |
| PL-2018 | | | | Plume Behavior in heterogeneous geologic systems: natural attenuation, remediation, and the role of diffusion |
| PL-2019 | | | | Leaking underground storage tanks: EPA should take steps to better ensure the effective use of public funding for cleanups |
| PL-2020 | | | | Evaluation of volatilization as a natural attenuation pathway for MTBE |
| PL-2021 | | | | Fate and transport of MTBE and other gasoline components |
| PL-2022 | | | | Motor Gasoline Outlook and State MTBE Bans |
| PL-2023 | | | | NYC Groundwater System Wellhead Protection Plan |
| PL-2024 | | | | Draft Groundwater Management Plan, |
| PL-2025 | | | | Subsurface Geology and Paleogeology of Queens County, Long Island, New York |

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| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
|----------------------------------|---------|--------------------|---------------|---|
| PL-2026 | | | | Factors Associated with Sources, Transport, and Fate of Volatile Organic Compounds and their Mixtures in Aquifers of the United States |
| PL-2027 | | | | Region 2 Water Sole Source Aquifers |
| PL-2028 | | N/A | N/A | Quantifying the degradation and dilution contribution to natural attenuation of contaminants by means of an open system Rayleigh equation |
| PL-2029 | | N/A | N/A | American Petroleum Institute, 1998. Ten frequently asked questions about MTBE in water. Tech Bulletin 3, V 1.1. |
| PL-2030 | | N/A | N/A | Baehr, A.L., 1987. Selective transport of hydrocarbons in the unsaturated zone due to aqueous and vapor phase partitioning. Water Resources Research, Vol. 23, No.1 0, pp. 1926-1938. |
| PL-2031 | | N/A | N/A | Barker, J.F., Gillham, R.W., Lemon, L., Mayfield, c.1., Poulsen, M., and Sudicky, F.A., 1991, Chemical fate and impact of oxygenates in groundwater--Solubility of BTEX from gasoline--Oxygenate Compounds: Washington, D.C., American Petroleum Institute Publication 4531,90 p. |
| PL-2032 | | N/A | N/A | Beckett, GD., 2000. Soil Vapor Extraction under Capped and Uncapped Surface Conditions. Geotechnical Fabrics Review; vol 18, #4. |
| PL-2033 | | N/A | N/A | Beckett, G.D., Benson, D.A, 1996. Diffusion Limited Soil Vapor Extraction: Geologic and Bed Thickness Controls. AAPG Annual Convention, San Diego, California, May 1996 |

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| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
|----------------------------------|---------|--------------------|---------------|---|
| PL-2034 | | N/A | N/A | Beckett, G.D., Huntley, D., Panday, S., 1995. Air Sparging: A Case Study in Characterization, Field Testing, and Modeling Design. Proceedings of the Petroleum Hydrocarbons and Organic Chemicals in Ground Water: Prevention, Detection and Restoration, Houston, Nov. 1995. |
| PL-2035 | | N/A | N/A | Beckett, G.D., Lundegard, P.D., 1997. Practically Impractical- The Limits of LNAPL Recovery and Relationship to Risk. Conference Proceedings of the 1997 Petroleum Hydrocarbons & Organic Chemicals in Ground Water. Houston Texas sponsored by the National Ground Water Association & American Petroleum Institute. |
| PL-2036 | | N/A | N/A | California State Water Resources Control Board, 2000. Guidelines for Investigation and Cleanup of MTBE and Other Ether-Based Oxygenates. Final draft. |
| PL-2037 | | N/A | N/A | California Regional Water Quality Control Board, Santa Ana Region, 2001. Supplemental Guidance for Prioritization of Investigation and Cleanup of Underground Storage Tank Releases Containing MtBE |
| PL-2038 | | N/A | N/A | Delzer, G.C., Zogorski, J.S., Lopes, T.J., and Bosshart, R.L., 1996, Occurrence of the gasoline oxygenate MTBE and BTEX compounds in urban stormwater in the United States, 1991-95: U.S. Geological Survey Water Resources Investigations Report 96-4145, |

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| PL-2039 | | N/A | N/A | Garrett, Peter, Moreau, Marcel, and Lowry, J.D., 1986, MTBE as a ground water contaminant: in Proceedings of the 1986 National Water Well Association and American Petroleum Institute Conference on Petroleum and Organic Chemicals in Ground Water, Houston, Texas: Dublin Ohio, National Water Well Association, p. 227-238. |
| PL-2040 | | N/A | N/A | Huntley, D., Beckett, G.D., 2002. Evaluating Hydrocarbon Removal from Source Zones and Its Effect on Dissolved-Phase Plume Longevity and Magnitude. API Publication |
| PL-2041 | | N/A | N/A | Lyvrse, M.A., Beckett, G.D., 2004. Field Study of LNAPL and Dissolved Phase Plume Genesis. Presented at the 2004 Petroleum Hydrocarbons & Organic Chemicals in Ground Water, Baltimore, Maryland, sponsored by the National Ground Water Association & American Petroleum Institute. |
| PL-2042 | | N/A | N/A | Maine MTBE Drinking Water Study - Preliminary Report: October 13, 1998. |
| PL-2043 | | N/A | N/A | Mormile, M.R., Liu, Shi, and Suflita, J.M., 1994, Anaerobic biodegradation of gasoline oxygenates: extrapolation of information to multiple sites and redox conditions: Environmental Science and Technology, v. 28, p. 1727-1732. |

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| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
|----------------------------------|---------|--------------------|---------------|---|
| PL-2044 | | N/A | N/A | Peargin, T.R., Wickland, D.C., Beckett, GD., 1999. Evaluation of Short Term Multiphase Extraction Effectiveness for Removal of Non-Aqueous Phase Liquids from Groundwater Monitoring Wells. Conference Proceedings of the 1999 Petroleum Hydrocarbons & Organic Chemicals in Ground Water, Houston, Texas, sponsored by the National Ground Water Association & American Petroleum Institute. |
| PL-2045 | | N/A | N/A | Salanitro, J.P., Diaz, L.A., Williams, M.P., and Wisniewski, H.L., 1994, Isolation of a bacterial culture that degrades methyl t-butyl ether: Applied and Environmental Microbiology, v. 60, no. 7, p. 2593-2596. |
| PL-2046 | | N/A | N/A | Schirmer, M., Barker, 1., 1998. A long-term study of MTBE Attenuation in the Horden Aquifer, Ontario, Canada. Groundwater Monitoring & Remediation, Spring 1998. |
| PL-2047 | | N/A | N/A | Squillace, P.J., Pankow, 1.E., Korte, N.E., and Zogorski, J.S., 1997, Review of the environmental behavior and fate of methyl tert-butyl ether: Environmental Toxicology and Chemistry, v.16, no. 9, p. 1836-1844. |
| PL-2048 | | N/A | N/A | Squillace, P.J., Zogorski, J.S., Wilber, W.G., and Price, C. V., 1996, Preliminary assessment of the occurrence and possible sources of MTBE in groundwater in the United States, 1993-1994: Environmental Science and Technology, v. 30, no. 5, p. 1721-1730. |

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| Plaintiff's Trial Exhibit Number | Docdate | Beginning Bates No | End Bates No. | Description |
|----------------------------------|---------|--------------------|---------------|---|
| PL-2049 | | N/A | N/A | Sutlita, J.M., and Mormile, M.R., 1993, Anaerobic biodegradation of known and potential gasoline oxygenates in the terrestrial subsurface: Environmental Science and Technology, v. 27, p. 976-978. |
| PL-2050 | | N/A | N/A | Thomas, I.M., Clark, G.L., Tomson, M.B., Bedient, P.B., Ritid, H.S., and Ward, C.H., 1988, Environmental fate and attenuation of gasoline components in the subsurface: Washington, D.C., American Petroleum Institute, final report, p. 111. |
| PL-2051 | | N/A | N/A | U.S. EPA, 2000. Summary of Workshop on Biodegradation of MTBE. Workshop Sponsored by the U.S. Environmental Protection Agency and American Petroleum Institute. |
| PL-2052 | | N/A | N/A | Wilson, John T., Philip M. Kaiser and Chen'i Adair, 2005. Monitored Natural Attenuation of MTBE as a Risk Management Option at Leaking Underground Storage Tank Sites. U.S. EPA Publication PA/600/R-04/1790. |
| PL-2053 | | | | Wilson, John T., Ravi Kolhatkar, Tomasz Kuder, Paul Philp, and Scth 1. Daugherty, 2005. Stable Isotope Analysis of MTBE to Evaluate the Source of TBA in GroundWater. Groundwater Monitoring & Remediation, Vol 25, #4. |

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| PL-2054 | | | | Yeh, C.K., and J.T. Novak, 1991, Anaerobic biodegradation of oxygenates in the subsurface, in Proceedings of the 1991 Petroleum Hydrocarbons and Organic Chemicals in Ground Water--Prevention, Detection and Restoration, November 20-22, 1991, Houston, Texas: National Water Well Association, Ground Water Management Book, p.427-441. |
| PL-2055 | | | | Zogorski, J.S., and others, 1997, Fuel oxygenates and water quality, in Interagency Assessment of Oxygenated Fuels: Washington D.C., Office of Science and Technology Policy, Executive Office of the President, chap. 2, 80 p. |
| PL-2056 | | NYC-Beckett-042340 | NYC-Beckett-042342 | Site 1: D-001. Address: 202-06. Hillside Ave. Exxon (Can't find Toxic Report: Section 77) |
| PL-2057 | | NYC-Beckett-041661 | NYC-Beckett-042339 | Site 2: D-002. Address: 211-60 Hillside Ave. Mobil. 17-HBA |
| PL-2058 | | NYC-Beckett-042343 | NYC-Beckett-042702 | Site 2: D-002. Address: 211-60 Hillside Ave. Mobil. 17-HBA |
| PL-2059 | | NYC-Beckett-039739 | NYC-Beckett-041660 | Site 3: D-003. Address: 211-02 Jamarca Ave. Getty S/S#232 |
| PL-2060 | | NYC-Beckett-042703 | NYC-Beckett-043254 | Site 4: D-004. 212-01 Hillside Ave. |
| PL-2061 | | NYC-Beckett-013047 | NYC-Beckett-013723 | Site 5: D-005. Address: 118-02 (118-10) Queens Blvd. Gulf Service Station (#121096) Cumberland Farms/Chevron (No. 205389)(No.204130) (No204131). Source: Bates Number: NYC-Beckett 013627-013681) |
| PL-2062 | | NYC-Beckett-013724 | NYC-Beckett-014074 | Site 6: D-008. Address: 118-11 Atlantic Ave. Exxon/Tosco |
| PL-2063 | | NYC-Beckett-014230 | NYC-Beckett-014992 | Site 7: D-009. Address: 119-01 Atlantic Ave. BP/SS# 10847 |

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| PL-2064 | | NYC-Beckett-015380 | NYC-Beckett-015878 | Site 8: D-011. Address: 134-30 Atlantic Ave. BP Station#60245 |
| PL-2065 | | NYC-Beckett-012892 | NYC-Beckett-013046 | Site 9 D-012. Address: 118-29 Queens Blvd. |
| PL-2066 | | NYC-Beckett-014075 | NYC-Beckett-014229 | Site 9 D-012. Address: 118-29 Queens Blvd. |
| PL-2067 | | NYC-Beckett-043255 | NYC-Beckett-043350 | Site 10: D-013. Address: 241-15 Hillside Ave. |
| PL-2068 | | NYC-Beckett-007602 | NYC-Beckett-007604 | Site 11: Address: 108-46 Merrick Blvd. |
| PL-2069 | | NYC-Beckett-009618 | NYC-Beckett-010155 | Site 11: Address: 108-46 Merrick Blvd. |
| PL-2070 | | NYC-Beckett-020117 | NYC-Beckett-023775 | Site 12: s6-001. 138-50 Hillside Ave. 17-HMB |
| PL-2071 | | NYC-Beckett-000001 | NYC-Beckett-006139 | Site 13: s6-002. Address: 84-02 (-04) Parsons Blvd. Mobil Service Station No. 11612 (17-GD9) |
| PL-2072 | | NYC-Beckett-015879 | NYC-Beckett-020116 | Site 14: s6-003. 137-10 94th Street. Former Amoco Station 560 |
| PL-2073 | | NYC-Beckett-010278 | NYC-Beckett-012797 | Site 15: s6-005. Address: 113-21 Merrick Blvd. ExxonMobil Service Station. |
| PL-2074 | | NYC-Beckett-023776 | NYC-Beckett-024935 | Site 16: s6-006. Address: 144-10 Hillside Ave. |
| PL-2075 | | | | Site 17 |
| PL-2076 | | | | Site 18 |
| PL-2077 | | NYC-Beckett-036169 | NYC-Beckett-039738 | Site 19: s6-009. Address: 165-25 Liberty Ave. BPSS#11009 |
| PL-2078 | | NYC-Beckett-007583 | NYC-Beckett-008160 | Site 20: s6-010. Address: 105-15 Merrick Blvd. Citgo Station: Spill No. 96-05038 |
| PL-2079 | | NYC-Beckett-010156 | NYC-Beckett-010277 | Site 21: s6-011. Address: 109-67 Sulphin Blvd. |
| PL-2080 | | NYC-Beckett-014993 | NYC-Beckett-015111 | Site 22: s6-012. Address: 131-07 Merrick Blvd. |
| PL-2081 | | NYC-Beckett-015112 | NYC-Beckett-015379 | Site 23: s6-013. Address: 133-02 Jamaica Ave. |
| PL-2082 | | NYC-Beckett-012798 | NYC-Beckett-012891 | Site 24: s6-014. Address: 116-60 Sulphin Blvd. |
| PL-2083 | | NYC-Beckett-029939 | NYC-Beckett-036168 | Site 25: s6-015. Address: 162-35 N. Conduit Ave. 17-JHS. Mobil |

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| PL-2084 | | NYC-Beckett-043351 | NYC-Beckett-063042 | Site 26: s6-016. Address: 177-90. S. Conduit Ave. Mobil. 17-G90 |
| PL-2085 | | NYC-Beckett-008161 | NYC-Beckett-009617 | Site 27: s6-017. Address: 108-01 Atlantic Avenue. Shell Service Station. NYSDEC# 97-05122 |
| PL-2086 | | NYC-Beckett-027172 | NYC-Beckett-027721 | Site 28: s6-018. Address: 154-10 Rockaway Blvd. Shell Service Station. NYSDEC#98-06763 |
| PL-2087 | | NYC-Beckett-024936 | NYC-Beckett-025598 | Site 29: s6-019. Address: 148-12 Rockaway Blvd. Former Sunoco |
| PL-2088 | | NYC-Beckett-027722 | NYC-Beckett-028898 | Site 30: s6-020. Address: 156-07 Rockaway Blvd. Getty S/S #343 |
| PL-2089 | | NYC-Beckett-006140 | NYC-Beckett-007582 | Site 31: s6-021. Address: 104-09 Atlantic Avenue. Hess Station #32318 |
| PL-2090 | | NYC-Beckett-028899 | NYC-Beckett-029938 | Site 32: s6-022. Address: 161-15 Baisley Blvd. Getty S/S #007 |
| PL-2091 | | NYC-Beckett-025599 | NYC-Beckett-027171 | Site 33: s6-023. Address: 148-27 Liberty Ave. Merit Gas Station |
| PL-2118 | 10/15/1990 | XOM-UST-000001898, XOM-MTO1613-000323, M0059947 | XOM-UST-000001920, XOM-MTO1613-000345, M0059969 | Letter to C. A. Shrader, J. Benoit, D. P. Young, P. G. Grant, B. W. Harrell, M. D. Jacks, R. Kowakami, V. Murato, V. P. Mayweg, E. L. Grundy, G. R. D. Reid, K. Ringler, M. Mizrahi, I. F. Scoble, P. C. Tan, R. W. Westwood |
| PL-2148 | 6/25/1997 | M 0013715 | M 0013715 | Fax from Randy Smith to Brian Harney re: MTBE |
| PL-2178 | 4/18/2007 | N/A | N/A | Spill Number 96-05038 Citgo Service Station 105-15 Merrick Blvd Jamaica New York Remedial Investigation Report |
| PL-2187 | 00/00/0000 | N/A | N/A | Exxon Lists: Cities |

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| PL-2214 | 10/15/1990 | XOM-UST-000001898, XOM-MTO1613-000323, M0059947 | XOM-UST-000001920, XOM-MTO1613-000345, M0059969 | Letter to C. A. Shrader, J. Benoit, D. P. Young, P. G. Grant, B. W. Harrell, M. D. Jacks, R. Kowakami, V. Murato, V. P. Mayweg, E. L. Grundy, G. R. D. Reid, K. Ringler, M. Mizrahi, I. F. Scoble, P. C. Tan, R. W. Westwood |
| PL-2222 | 11/1/1996 | CBEMM 0148 | CBEMM 0153 | Methyl tertiary Butyl Ether as a Ground Water Contaminant by Peter Garrett, Marcel Moreau and Jerry D. Lowry |
| PL-2230 | 10/14/2005 | N/A | N/A | Spill Number 96-05038 Citgo Service Station 105-15 Merrick Blvd. Jamaica New York Site Investigation Report |
| PL-2302 | 2/1/2006 | PRG MDL 1358-24130 | PRG MDL 1358-24133 | EPA Fact Sheet Drinking Water Advisory: Consumer Acceptability Advice and Health Effects Analysis on MTBE |
| PL-2304 | 00/00/0000 | ARC 003040 | ARC 033044 | Chevron MTBE Plume Study - By Tim Buscheck |
| PL-2307 | 00/00/0000 | CH 005232 | CH 005252 | Occurrence and Behavior of MTBE in Groundwater - Slideshow |
| PL-2309 | 00/00/1993 | EQ 013511 (ONLY ON 1ST PAGE) | EQ 013511 (ONLY ON 1ST PAGE) | Handwritten WTC - White Paper on MTBE; MTBE White Paper C.C. Stanley, W.G. Rixey, and C.Y. Chiang (Includes Figure 1) (handwritten notes on document) |
| PL-2310 | 00/00/1993 | EQ 013512 | EQ 012317 | MTBE White Paper |
| PL-2311 | 00/00/0000 | EQR 05469-EQR | EQR 05472-EQR | MTBE White Paper |
| PL-2327 | 2/25/2008 | NYC_DEC_DTB_00001 | | New York State Department of Environmental Conservation's Spill Information Database, downloaded on February 5, 2008 |
| PL-2328 | 7/1/2008 | NYC_DEC_DTB_00001 | | New York State Department of Environmental Conservation's Spill Information Database, downloaded on July 1, 2008 |

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| PL-2329 | current | | | New York State Department of Environmental Conservation's Petroleum Bulk Storage Database Information (http://www.dec.ny.gov/cfm/x/extapps/derexternal/index.cfm?pageid=4) for PBS sites attached as Addendum 1. |
| PL-5487 | | NYC-124504 | NYC-124643 | West Side Corporation Operable Unit No. 2 Final offsite Plume Deliniation and Investigation Report |
| PL-5488 | | NYC2-0124447 | NYC2-01244491 | West Side Corporation Operable Unit No. 2 Final offsite Plume Deliniation and Investigation Report, Addendum No. 1 |